



**General Services Administration Federal Supply Service**  
**Authorized Federal Supply Schedule Price List**

*On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order are available through GSA Advantage!, a menu-driven database system. The INTERNET address for GSA Advantage! is: [www.GSAAdvantage.gov](http://www.GSAAdvantage.gov).*

## **Schedule 65IIA Medical Equipment & Supplies**

**Contract No. 36F79719D0083**

**Contract Period: 1/15/2019 through 1/14/2024**

**A2A Integrated Logistics Inc.**

**1830 Owen Dr. Ste 10-2**

**Fayetteville, NC 28301**

**Phone: (Main) 910-356-5500, Ordering: 800-493-3736**

**FAX: Main – 973-527-5299**

**[www.a2a-logistics.com](http://www.a2a-logistics.com)**



**Small Business**

**CAGE CODE: 6HR51**

**DUNS: 96-891-3900 SAM Registered**

**Contract Administration**

**[tbryant@a2a-logistics.com](mailto:tbryant@a2a-logistics.com)**

**PH: 973-527-5299**

**Ordering & Customer Service**

**[saleservice@a2a-logistics.com](mailto:saleservice@a2a-logistics.com)**

**PH: 800-493-3767, FAX: 973-527-5299**

**As of 01/15/2019**

## Customer Information

1. Table of awarded SINS:

**Accepted SINS** A-1, A-2b, A-10, Allc,  
A-17, A-18a, A-19,  
A-21b, A-33a, A-82,  
A-83, and A-92

2. Maximum Order: \$100,000.00

3. Minimum Order: \$100

4. Geographic Coverage: 48 Contiguous States and the District of Columbia, Alaska, Hawaii, The Commonwealth of Puerto Rico, and U. S. Territories

5. Points of Production: US Only

6. Discount Range: 1.99% to 6.51%.

7. Quantity Discounts: 1.5% additional discount for purchases of 100 Cases or more. Products may be combined to achieve this discount term. Orders must be on a single purchase to a single location. Total discount will be taken off net invoice.

8. Prompt Payment Terms: Net 30 days.

9. (a & b) Government Purchase Cards: Government Purchase Cards are accepted both above and below the micro-purchase level.

10. Foreign Items: All items under Contract 36F79719D0083 are Trade Agreements Act (TAA) compliant - made in the USA.

11. Delivery Times:

Time of Delivery: 30 days After Receipt of Order (ARO) SINS A-1, A-2b, A-10, A-11c, A-17, A-18a, A-19, A-21b, and A-33a

45 days After Receipt of Order (ARO) SINS A-82, A-83, and A-92

Expedited Delivery: Contact Contractor

Overnight & 2 Day: Contact Contractor

Urgent Requirements: Contact Contractor

12. FOB Point: Destination within 48 contiguous states and the District of Columbia. Delivery to Alaska, Hawaii, Puerto Rico, and the U.S. Territories will be FOB inland carrier, point of exportation, with the transportation charges to be paid by the Government from point of exportation to destination in Alaska, Hawaii, Puerto Rico, and the U.S. Territories, or as designated by the ordering office.

13. Ordering Address: A2A Integrated Logistics Inc, 1830 Owen Dr., Suite 10-2, Fayetteville, NC 28301, Attn: Tony Bryant

14. Payment Address: 1830 Owen Dr., Suite 10-2, Fayetteville, NC 28301

15. Warranty Provision: Standard Commercial Warranty. Please contact A2A Integrated Logistics for a copy of the warranty.

16. Export Packaging Charges: Not Applicable

17. Terms & Conditions of Government Purchase Card Acceptance: Government Purchase Card accepted for all orders meeting card limits.

18. Terms & Conditions of Rental, Maintenance & Repair: Not Applicable

19. Terms & Conditions of Installation: Not Applicable

20. Terms & Conditions of Repair Parts: Not Applicable

21. List of Service & Distribution Points: Not Applicable

22. List of Participating Dealers: Not Applicable

23. Preventive Maintenance: Not Applicable

24a. Special Attributes: Not Applicable

24b. Section 508 Compliance for EIT: Not Applicable

25. DUNS Number: 968913900

26. Central Contractor Registration (CCR): A2A Integrated Logistics is

Registered in CCR **A2A Integrated Logistics CAGE CODE: 6HR51**

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*Trust in us*

# *Lubricating Jelly*

 [HRpharma.com](http://HRpharma.com)





## History

The legacy of HR® Lubricating Jelly dates back to 1925 when the HR® formula was imported from Germany. Soon thereafter, Holland-Rantos began marketing the original "Vaginal Jelly" to be known as HR® Lubricating Jelly. In the 1940's the Holland-Rantos Co., and its HR® branded product line was sold to Young's Rubber Co., which manufactured the Trojan® Condom.

With its rich history in hand, during the 1970's and 1980's, HR® Lubricating Jelly morphed itself into the go to medical lubricant that controlled a significant market share in the medical world. HR® Lubricating Jelly has always been considered a premium medical lubricant that offers Universal™ usage to Physicians.



### Medical Applications

Colonoscopy  
Enema Insertion  
X-Ray  
Urethral/Catheter  
Pelvic Examination  
Lithotripsy  
Surgical Procedures  
General Medical Use  
Sigmoidoscopy  
Ultrasound Procedures  
Endotracheal tube insertion

**H·R® Medical Supply**

National Distribution  
Independent Distribution  
International Distribution



### Features & Benefits

- ◆ Kosher Certified
- ◆ Water soluble
- ◆ Sterile Products
- ◆ Premium Viscosity
- ◆ Made in the USA
- ◆ Bacteriostatic
- ◆ Non-Spermicidal
- ◆ Chlorhexidine (CHG) Free
- ◆ Latex Free
- ◆ LUOM Labeling



## Flip-Top Tubes



### 4oz. (113g) Flip-Top Tube

The 4 oz. Flip-Top Tube is our largest offering of sterile Lubricating Jelly. This size accommodates a broad range of medical procedures.

#### Product Specs

MFR #	Item Description	Volume	HCPCS	Packaging
201	HR® Lubricating Jelly 4oz. Flip-Top Tube - <b>STERILE</b>	4oz.	A4402	12 ea/bx • 6 bx/cs



### 2oz. (56.5g) Flip-Top Tube

HR® Lubricating Jelly 2 oz. Flip-Top Tube is sterile and accommodates a broad range of medical procedures where a multi-use product is appropriate.

#### Product Specs

MFR #	Item Description	Volume	HCPCS	Packaging
203	HR® Lubricating Jelly 2oz. Flip-Top Tube - <b>STERILE</b>	2oz.	A4402	12 ea/bx • 8 bx/cs



### 8oz. Lithotripsy Gel LDPE Bottle

HR® Lubricating Jelly 8oz. Bottle is a non-sterile, water-soluble and greaseless lubricant ideal for Extracorporeal Shock Wave Lithotripsy.

#### Product Specs

MFR #	Item Description	Volume	HCPCS	Packaging
260	HR® ESWL - Lithotripsy Gel LDPE Bottle - Non-Sterile	8oz.	A4402	36 ea/cs



I would like to share with you our HR® Lubricating Jelly One Shot™ Sachet success story. I have been in the field of Colon Hydrotherapy for over 30 years and the manufacturer of Clearwater Colon Hydrotherapy units and speculums. Our disposable speculum kit consists of one speculum, obturator, tubing and a sterile lubricant packet; occasionally we will upgrade and improve our products for added customer satisfaction, when we changed to the HR®, the feedback from our customers has been overwhelmingly positive. Thanks again for a great product.

Mary Ruth Baker | President - Clearwater Colon Hydrotherapy





OneShot®



### Product Specs

MFR #	Item Description	Volume	HCPCS	Packaging
207	HR® Lubricating Jelly 3gm OneShot® - <b>STERILE</b>	3g	A4332	144 ea/bx • 6 bx/cs



### 3 gram OneShot®

HR® Lubricating Jelly 3 gram OneShot® is sterile and dramatically changes the way lubricant is delivered in a single use, small dose format. It is designed to improve application, minimize waste, & significantly reduce the risk of cross contamination.



### Product Specs

MFR #	Item Description	Volume	HCPCS	Packaging
209	HR® Lubricating Jelly 5gm OneShot® - <b>STERILE</b>	5g	A4332	144 ea/bx • 6 bx/cs



### 5 gram OneShot®

HR® Lubricating Jelly 5 gram OneShot® is sterile and dramatically changes the way lubricant is delivered in a single use, small dose format. It is designed to improve application, minimize waste, & significantly reduce the risk of cross contamination.



### Product Specs

MFR #	Item Description	Volume	HCPCS	Packaging
208	HR® Lubricating Jelly 30 - 3gm OneShot® CarePac™ - <b>STERILE</b>	3g	A4332	30 ea/bx • 48 bx/cs



### 3 gram OneShot® CarePac™

HR® Lubricating Jelly 3 gram OneShot® CarePac™ is sterile and convenient for dispensing out of a physician's office/pharmacy or DME to patients. It is designed to improve application, minimize waste, and significantly reduce the risk of cross contamination.

“

Since I began selling medical supplies in 1976, I saw many thousand of boxes of HR Lubricating Jelly pass through our warehouse doors. "HR96" (as we knew it) was one of our most popular items, and our company sold it virtually every day. I was very pleased to learn of HR's return to the market, and am looking forward to helping build sales with a new generation of customers that will no doubt appreciate the value and quality of these great products!

Steve Dennison | Assistant Vice President - IMCO

”



OneShot®



### Product Specs

MFR #	Item Description	Volume	HCPCS	Packaging
205	HR® Lubricating Jelly 1.25oz/36gm OneShot® - <b>STERILE</b>	1.25oz/36g	A4402	48 ea/bx • 6 bx/cs



### 1.25oz. (36g) OneShot®

HR® Lubricating Jelly 1.25 oz. OneShot® is a sterile single use alternative to our 2 oz. Flip-Top Tube. Research has shown that a 2 oz. tube is too much volume for some procedures. The 1.25 oz. OneShot® cuts back on waste and significantly reduces the risk of cross contamination.



### Product Specs

MFR #	Item Description	Volume	HCPCS	Packaging
211-576	HR® Lubricating Jelly 2X - 1.25oz/36gm OneShot® - <b>STERILE</b>	1.25oz/36g	A4402	576 ea/cs



### 1.25oz. (36g) 2X OneShot®

HR® Lubricating Jelly 2X OneShot® is a sterile, single use option with a thicker consistency than the original Lubricating Jelly formula. Our OneShot® is designed to significantly reduce cross contamination. The 2X formula is preferred by endoscopy physicians.



### Product Specs

MFR #	Item Description	Volume	HCPCS	Packaging
205ST	HR® Lubricating Jelly OneShot® <b>SAFEWRAP™ SLEEVE</b> - <b>STERILE</b>	1.25oz/36g	A4402	50 ea/bx - 4 bx/cs



### 1.25oz. (36g) OneShot® w/ SafeWrap™ Sleeve

HR's SafeWrap™ packaging takes our OneShot® offering and makes it operating room and sterile-field friendly. This product is our original HR® Lubricating Jelly 1.25 oz. OneShot® in the SafeWrap™ packaging.





## *Lubricating Jelly*

### **ENVIRONMENT POLICY**

*As a manufacturer of medical products we recognize that we have a responsibility to reduce our impact on the environment and to conserve natural resources. We endeavour to use the smallest viable packaging size to minimize material usage and reduce our landfill footprint.*

*When transporting products we make sure our operations are as efficient and environmentally friendly as possible.*



*Authorized Distributor*



**Intertek**

**Corporate Address:**  
HR Pharmaceuticals, Inc.  
2651 Carnegie Road  
York, PA 17402  
**www.HRpharma.com**  
Office: 877-302-1110  
Fax: 717-685-2590



*Trust in us*

# *Ultrasound Gel*

 [HRpharma.com](http://HRpharma.com)





## History

The legacy of HR® dates back to 1925 when the HR® formula was imported from Germany. Soon thereafter, Holland-Rantos began marketing the original "Vaginal Jelly" to be known as HR® Lubricating Jelly. In the 1940's the Holland-Rantos Co., and its HR® branded product line was sold to Young's Rubber Co., which manufactured the Trojan® Condom.

With its rich history in hand, during the 1970's and 1980's, HR® morphed itself into the go to medical lubricant that controlled a significant market share in the medical world.

Today, HR® continues to believe in the same fundamentals ensuring our customers can "Trust in Us."



Est. 1931

## Medical Applications

*Diagnostic Medical Sonography*

*Doppler Ultrasound*

*X-Ray*

*Transvaginal Ultrasound*

*3-D & 4-D Ultrasound*

*Lithotripsy*

*Therapeutic Ultrasound*



## Features & Benefits

- ◆ *Kosher Certified*
- ◆ *Acoustically Correct*
- ◆ *Water soluble*
- ◆ *Sterile Products*
- ◆ *Premium Viscosity*
- ◆ *Made in the USA*
- ◆ *Bacteriostatic*
- ◆ *Probe Friendly/Non-Corrosive*
- ◆ *Chlorhexidine (CHG) Free*
- ◆ *Latex Free*
- ◆ *LUOM Labeling*
- ◆ *Stain Free Guaranteed*



## 8.5oz. Ultrasound Gel Bottle

HR® Ultrasound Gel 8.5 oz. Bottle is the most common size used for various procedures where a viscous gel is needed.

## Product Specs

MFR #	Item Description	Volume	HCPCS	Packaging
216	HR® Ultrasound Gel 8.5oz Bottle - Non-Sterile	8.5oz.	A4559	12 ea/bx • 6 bx/cs



## 2 oz. Pedestal Flip Top Tube

HR® Ultrasound Gel 2 oz. Pedestal Flip Top Tube accommodates a broad range of medical procedures where a multi-use product is appropriate.

## Product Specs

MFR #	Item Description	Volume	HCPCS	Packaging
214	HR® Ultrasound Gel 2 oz. Pedestal Flip Top Tube - <b>STERILE</b>	2oz.	A4559	24 ea/bx • 8 bx/cs





## 1.25oz. (36g) OneShot®

HR® Ultrasound Gel 1.25 oz. OneShot® is a sterile single use option designed to significantly reduce cross contamination.

### Product Specs

MFR #	Item Description	Volume	HCPCS	Packaging
213	HR® Ultrasound Gel 1.25oz/36g OneShot™ Pouch - <b>STERILE</b>	1.25oz/36g	A4559	48 ea/bx • 6 bx/cs



## 20g OneShot®

HR® Ultrasound Gel 20g OneShot® is a sterile single use option designed to significantly reduce cross contamination.

### Product Specs

MFR #	Item Description	Volume	HCPCS	Packaging
212	HR® Ultrasound Gel 20g OneShot™ Pouch - <b>STERILE</b>	20g	A4559	100 ea/bx • 8 bx/cs



## 1.25oz. (36g) OneShot® w/ SafeWrap™ Sleeve

HR® Ultrasound Gel SafeWrap™ packaging is operating and sterile-field friendly. This product is our original HR® Ultrasound Gel 1.25 oz. OneShot® in the SafeWrap™ packaging.

### Product Specs

MFR #	Item Description	Volume	HCPCS	Packaging
213ST	HR® Ultrasound Gel 1.25oz/36g OneShot™ Pouch - <b>SAFEWRAP™ SLEEVE - STERILE</b>	1.25oz/36g	A4559	50 ea/bx • 4 bx/cs



## 20g OneShot® w/ SafeWrap™ Sleeve

HR® Ultrasound Gel SafeWrap™ packaging is operating and sterile-field friendly. This product is our original HR® Ultrasound Gel 20g OneShot® in the SafeWrap™ packaging.

### Product Specs

MFR #	Item Description	Volume	HCPCS	Packaging
212ST	HR® Ultrasound Gel 20g OneShot™ Pouch - <b>SAFEWRAP™ SLEEVE - STERILE</b>	20g	A4559	50 ea/bx • 4 bx/cs



## Ultrasound Gel



### Ultrasound Gel 5L FlexPac™

HR® Ultrasound Gel 5L FlexPac™ is our largest offering. Please note, the 5L should not be used in environments where patients are susceptible to infection.



#### Product Specs

MFR #	Item Description	Volume	HCPCS	Packaging
218	HR® Ultrasound Gel 5L FlexPac™ - Non-Sterile	5L	A4559	4 ea/cs

#### ENVIRONMENT POLICY

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When transporting products we make sure our operations are as efficient and environmentally friendly as possible.



### Authorized Distributor



**A2A Integrated Logistics**  
"Unconditional Support Wherever you are"



**Intertek**

**Corporate Address:**  
HR Pharmaceuticals, Inc.  
2651 Carnegie Road  
York, PA 17402  
**www.HRpharma.com**  
Office: 877-302-1110  
Fax: 717-685-2590

**surgilube®**

**surgical lubricant  
sterile bacteriostatic**



# surgilube®



# surgilube®

## Medical Applications

Colonoscopy

Enema Insertion

X-Ray

Urethral/Catheter

Pelvic Examination

Lithotripsy

Surgical Procedures

General Medical Use

Sigmoidoscopy

Ultrasound Procedures

Endotracheal tube insertion

## Medical Supply

National Distribution

Independent Distribution

International Distribution

## history

The Day Chemical Company first trademarked Surgilube® as a Surgical Lubricating Jelly back in 1932. Since then, the brand has become the most sought after and renowned surgical lubricant in the medical community.

Throughout its history, Surgilube® has been trusted by surgical & medical practitioners from around the world as the go-to lubricant for surgical and gynecological procedures. We remain committed to ensuring the brand you've come to trust and rely upon will be the staple for generations to come!

## features & applications

Surgilube® has owned the mark of assurance, consistency and convenience for over 80 years. We have provided a premium lubrication to ease discomfort when inserting catheters, endoscopes and other surgical instruments into body orifices. Some features include:

Water Soluble • Non-Staining

Latex Free • Instrument Friendly

Sterile • Bacteriostatic

Chlorohexidine • Antimicrobial

BPOC Compliant • Kosher

## benefits

Premium Viscosity • Made in the USA

Safe for gynecological procedures

Excellent for catheters, exam gloves

Safe as vaginal lubricant

Safe for lubricating all body orifices

[surgilube.com](http://surgilube.com)

# surgilube® metal tubes



## 4.25oz (120.49gm) - screw/fez cap

The dexterity of the metal tube with the screw/fez style cap has been the surgeon's choice for generations; the cap easily pierces the seal making its use on demand. NDC#: 00281-0205-36

### Product Specs

MFR #	Item Description	Volume	HCPCS	Packaging
281020536	SURGILUBE® 4.25oz (120.49gm) - SCREW/FEZ CAP (Metal Tube)	4.25oz	A4402	12 ea/bx - 6 bx/cs (72)



## 2oz (56.7gm) - screw/fez cap

The dexterity of the metal tube with the screw/fez style cap has been the surgeon's choice for generations; the cap easily pierces the seal making its use on demand. NDC#: 00281-0205-02

### Product Specs

MFR #	Item Description	Volume	HCPCS	Packaging
281020502	SURGILUBE® 2oz (56.7gm) - SCREW/FEZ CAP (Metal Tube)	2oz	A4402	12 ea/bx - 12 bx/cs (144)



## 5gm Tube - (Metal - Elongated Tip)

The single use perspective has always been a design concept of the Surgilube® portfolio; the elongated tip 5gm tube was the precursor to the FoilPac®. Attending to the demand of the medical community made this another surgeon's choice; the cap easily snaps off for single handed use. NDC #: 00281-0205-55

### Product Specs

MFR #	Item Description	Volume	HCPCS	Packaging
281020555	SURGILUBE® 5gm Tube - (Metal Tube - Elongated Tip)	5gm	A4402	48 ea/bx - 3 bx/cn - 4 cn/cs

# surgilube® laminate tubes



## 4.25oz (120.49gm) - flip top cap

The foil laminated tube provides a convenient free standing, flip top cap that enables single handed use; excellent for physician office, OBGYN, urology and long-term care. NDC #: 00281-0205-37

### Product Specs

MFR #	Item Description	Volume	HCPSCS	Packaging
281020537	SURGILUBE® 4.25oz (120.49gm) - FLIP TOP CAP (Laminated Tube)	4.25oz	A4402	12 ea/bx - 6 bx/cs (72)



## 2oz (56.7gm) - flip top cap

The foil laminated tube provides a convenient free standing, flip top cap that enables single handed use; excellent for physician office, OBGYN, urology and long-term care. NDC #: 00281-0205-12

### Product Specs

MFR #	Item Description	Volume	HCPSCS	Packaging
281020512	SURGILUBE® 2oz (56.7gm) - FLIP TOP CAP (Laminated Tube)	2oz	A4402	12 ea/bx - 12 bx/cs (144)



## 3gm foilpac®

In 1961, the concept of “single use” changed the mindset of the medical community when the FoilPac® was released; today, more than 50 years later, that concept is now the standard. Reducing cross contamination is the number one focus of all health systems and Surgilube leads the way with the introduction of the single use concept. NDC #: 00281-0205-43

### Product Specs

MFR #	Item Description	Volume	HCPCS	Packaging
281020543	SURGILUBE® 3gm FOILPAC® (Foil Laminated Film)	3gm	A4332	144 ea/bx - 12 bx/cs (1728)



## 5gm foilpac®

In 1961, the concept of “single use” changed the mindset of the medical community when the FoilPac® was released; today, more than 50 years later, that concept is now the standard. Reducing cross contamination is the number one focus of all health systems and Surgilube leads the way with the introduction of the single use concept. NDC #: 00281-0205-45

### Product Specs

MFR #	Item Description	Volume	HCPCS	Packaging
281020545	SURGILUBE® 5gm FOILPAC® (Foil Laminated Film)	5gm	A4332	144 ea/bx - 6 bx/cs (864)

**surgilube®**

**surgical lubricant  
sterile bacteriostatic**

**ENVIRONMENT POLICY**

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**surgilube®**

**authorized distributor**

HR Pharmaceuticals, Inc.  
2651 Carnegie Road  
York, PA 17402  
[www.HRpharma.com](http://www.HRpharma.com)  
Office: 877-302-1110  
Fax: 717-685-2590



# EcoVue<sup>®</sup> Blueprint

Ultrasound imaging has been widely used for over 50 years to help diagnose and evaluate a variety of medical conditions. Ultrasound gel is used in healthcare settings for both diagnostic and therapeutic procedures. Over the years, ultrasound gel has seen very little change in packaging and gel formulation...Until Now.

EcoVue was developed as an innovative ultrasound gel that aligns with your sustainable business initiatives. It was designed with not only the patient and physician in mind, but the environment and the role we play in reducing our carbon footprint. EcoVue's formula and packaging defines the future market and will change the industry's view of ultrasound gel.



# EcoVue<sup>®</sup> The Gel

EcoVue is produced from 97.8% naturally fermented ingredients and is manufactured from organic and renewable resources.



**Natural Ingredients**



**Paraben Free**



**Propylene Glycol - Free**



**Robust Preservative System**

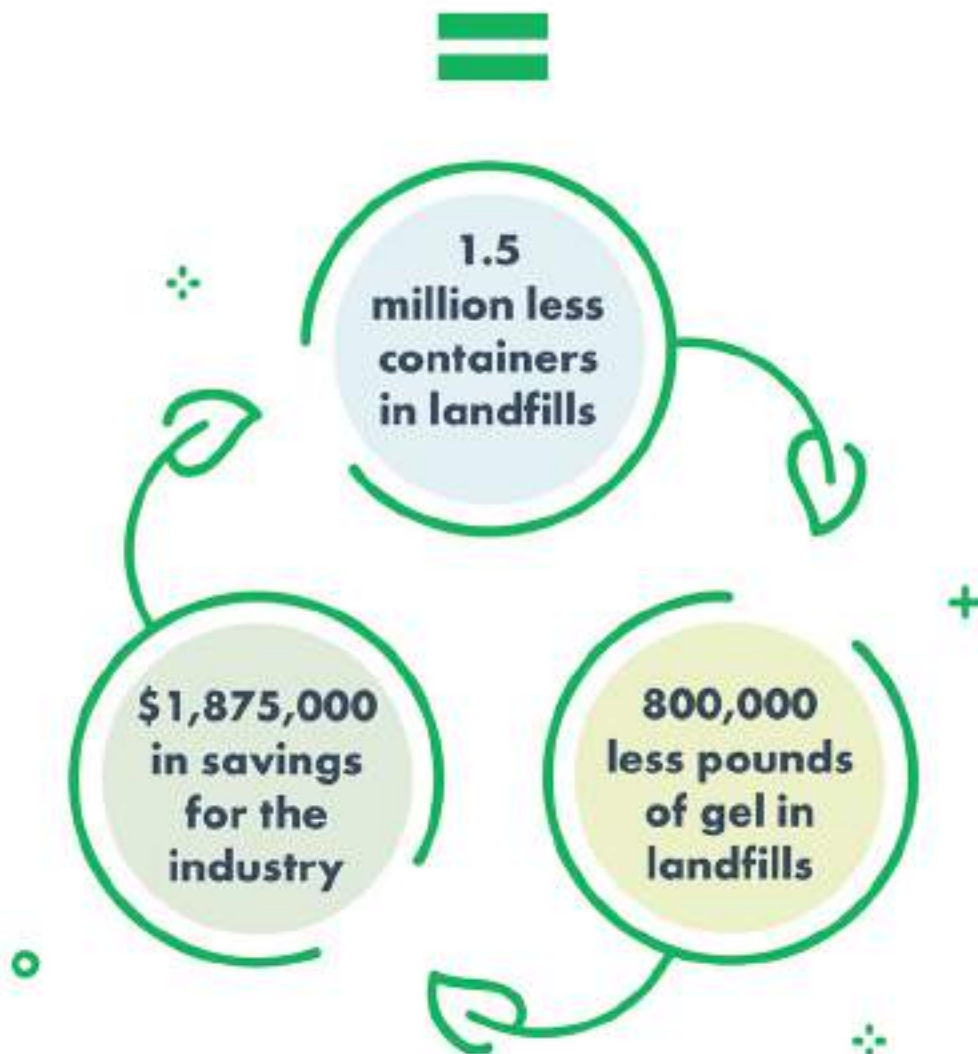


**CA Prop 65 Compliant**

## EcoVue® Packaging

Flexible packaging is an additional way of reducing our environmental footprint; it's lightweight, requires less energy to manufacture and transport, and creates less waste. Not only does EcoVue have sustainable primary packaging, but its secondary packaging is also made up of recycled materials.

EcoVue's FlexPac® is ergonomically designed for ease of use & functionality. Its flexible design allows for up to 99.5% evacuation of product, reducing the number of units consumed annually. Not using bottles saves gel and packaging.



+ All due to the waste at the bottom of an ultrasound gel container

## EcoVue® Product Line

Our non-refillable and single-use products are available in the sizes below.

REF	Descriptions
280	EcoVue® Ultrasound Gel 20g Sterile SafeWrap®
280NW	EcoVue® Ultrasound Gel 20g Sterile Packet
281	EcoVue® Ultrasound Gel 20g Packet
282	EcoVue® Ultrasound Gel 32g Sterile SafeWrap®
282NW	EcoVue® Ultrasound Gel 32g Sterile FlexPac®
283	EcoVue® Ultrasound Gel 32g FlexPac®
284	EcoVue® Ultrasound Gel 60g Flip-Top Tube
285	EcoVue® Ultrasound Gel 250g FlexPac®
289	Acclimate® Gel Warmer



**20g Packet**  
Sterile & Non-Sterile



**32g FlexPac®**  
Sterile & Non-Sterile



**60g Flip-Top Tube**  
Non-Sterile



**250g FlexPac®**  
Non-Sterile

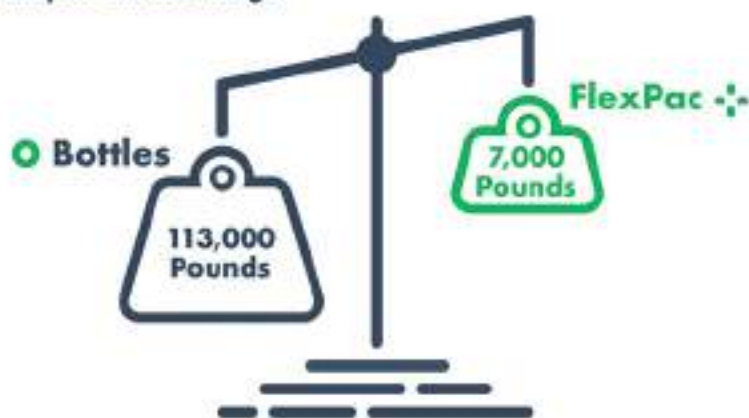
# EcoVue® Outcome

EcoVue was developed with sustainability as its number one objective.

## Reduction in Transportation Resources

By switching to EcoVue, you will help significantly reduce CO2 emissions produced by transporting ultrasound gel containers.

Pounds of CO2 emissions created  
✦ to transport ultrasound gel



✦ Manufacturing ultrasound bottles creates more CO2 emissions compared to flexible packaging

## Reduction in Packaging Waste

EcoVue greatly reduces waste, from the gel itself to the packaging. The FlexPac® dispenses 99.5% of product whereas traditional LDPE bottles only dispense 85.5% of product. This difference of 14% amounts to 1.5 million bottles of gel wasted annually. Using EcoVue will allow for better product yield and less landfill waste.\*

\*Data derived from 2015 GHG data report. Quantities assume all 5L bags are used to refill new bottles. FDA does not recommend refilling ultrasound bottles.

## Overall Savings

Converting to EcoVue helps save the environment, reduces gel waste, and increases your bottom line.

See [EcoVue.com](https://EcoVue.com) for an interactive online



savings calculator!

# EcoVue<sup>®</sup> Benefits



## **Ergonomic Packaging**

The packaging is ergonomically designed for ease of use and functionality.



## **Safety / FDA**

EcoVue satisfies the FDA recommendation to not refill ultrasound gel containers, thus eliminating the risk of cross contamination.



## **Acoustic Velocity**

EcoVue allows acoustic velocity to remain constant when heated to 40°C. Heat has little to no effect on performance.



## **Post - Procedure Care**

EcoVue provides for a quick and easy clean-up and leaves no sticky residue.



## **Tamper Evident Packaging**

All EcoVue products have tamper evident mechanisms.



## **Patents**

EcoVue formula and packaging are currently patent pending.



# EcoVue®

Ultrasound Gel



## Acclimate® Gel Warmer

Specifically designed to warm EcoVue® Ultrasound Gel but is capable of warming other flexible packed products.



## Single Use Packet Friendly

The only warmer designed with single-use packets in mind.



[EcoVue.com](http://EcoVue.com)



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Suite 201 • York, PA 17402 USA • 877-302-1110

Thank You for making a commitment to a more Sustainable Future.

# RenovaRP®

## Paracentesis Pump



- Automated procedure for large volume paracentesis
- Disposable heavy-duty bags may be changed without interrupting procedure
- Clean, safe and fast

Save time through efficiency. Traditional paracentesis relies on glass bottles and/or gravity bags to drain ascitic fluid from the abdomen, taking hours. By using an automated pump, your patient is treated quickly and effectively, saving valuable clinical time.

T



## Paracentesis Kit (for use with RenovaRP Pump)

### Kit Contents:

- 2 - Drainage Bags
- 1 - Pump Tube Set
- 1 - Paracentesis Device Assembly
- 1 - 30cc Luer Lock Syringe
- 1 - Filter Straw® 5 um Particulate Matter Filter
- 1 - 10cc Luer Lock Syringe
- 1 - 15 Gauge Needle
- 1 - Package Povidone-Iodine Swabsticks (3 per package)
- 1 - Fenestrated Drape
- 2 - 5 ml Ampuls 1% Lidocaine
- 1 - 25 Gauge x 1-1/2" (3.81cm) Needle
- 1 - 18 Gauge x 1-1/2" (3.81cm) Needle
- 3 - 5 ml Printed Sample Vials
- 3 - Sample Vial Caps
- 1 - #11 Blade Scalpel
- 1 - Plastic Bandage
- 5 - 4"x 4" Gauze Pads
- 3 - Alcohol Prep Pads



- Special cannula design prevents leakage of ascitic fluid
- Pre-assembled tubing set
- Convenient
- Additional bags and tubing sets available
- Sets up quickly

## Ordering Information

Item No.	Title	Quantity
GIS-27	Paracentesis Pump	One Unit
GIS-28	Paracentesis Kit	Box of 5
GIS-29	Bags	Box of 20



An ISO 13485 Certified Company

# Quill™ Knotless Tissue Closure Device for Dermatologic Reconstruction



*A time-saving closure device  
for **Dermatologic Surgery***



**SURGICAL  
SPECIALTIES**  
CORPORATION™

# Quill™ Knotless Tissue Closure Device

The Quill™ device **eliminates suture knots** saving valuable time and improving practice efficiency.

## Quill™ is ideal for these clinical scenarios:

- ✓ Where speed and efficiency are needed
- ✓ Wounds under high tension
- ✓ Older patients with friable tissue

## Key Benefits

### Time and cost savings:

- Faster wound closure time.
- Security of an interrupted stitch with the speed of a running stitch.
- Eliminates need for surface suture.

### Better patient outcomes:

- Wound tension is evenly distributed across the barbs.
- Eliminates train-track scars.

Variable loop provides a simple fixation method

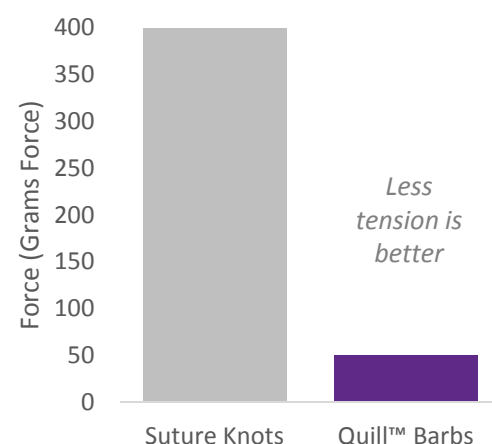
Barbs arranged in spiral along suture

Barbs provide eight (8) points of fixation per cm

The Quill™ knotless tissue closure device is designed with barbs that engage the tissue and evenly distribute tension across the wound.

## Tension at Fixation Point

Suture Knots vs Quill Barbs



Wound tension is distributed across eight (8) barbs per cm reducing the force as compared to a single suture knot.

A needle designed for **control** during dermatologic reconstruction.

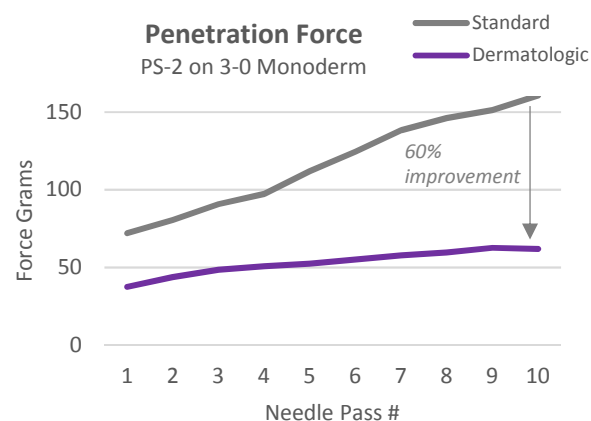
Proprietary alloy maintains sharpness and resists bending

Long taper for easy penetration

Square body for stability in the needle holder

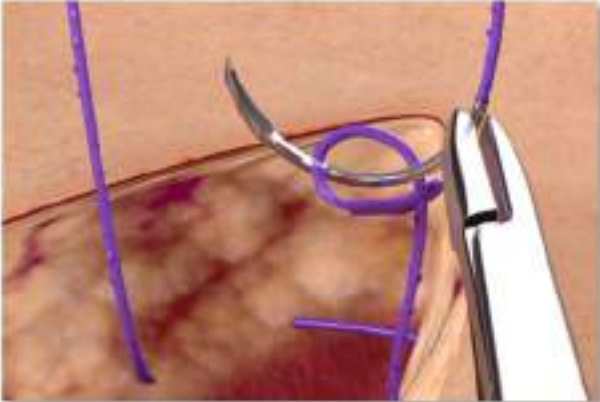
Multilayer silicone coating to reduce drag

## 60% improvement in penetration



Testing performed by independent lab.  
Acculine Engineering; Waterbury, CT

## Basic Quill™ Closure Technique

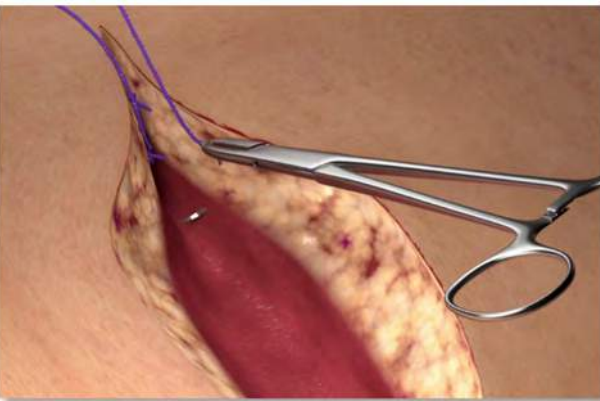


### Step 1

#### Anchor the Quill Device

With the Quill™ device needle, take initial bite of tissue. Then, pass the needle through the variable loop. Cinch down to engage the barbs at the fixation point.

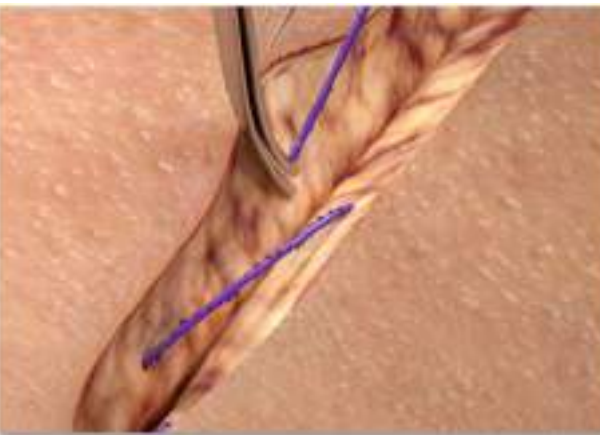
*Watch this two layer closure surgical animation at [QuillDevice.com/Derm](http://QuillDevice.com/Derm)*



### Step 2

#### Run the Stitch

Continue approximating the tissue in a running fashion until the opposite end of the wound is reached.



### Step 3

#### Lock the Stitch

Secure the end by employing a few backstitches and cut the remaining Quill™ flush with the tissue to complete.

If approximating the subcuticular layer, exit laterally and cut flush with the skin.

## Dermatologic Surgeon Testimonials



**John Strasswimmer, M.D.**  
Delray Beach, FL

*I can now close wounds that would normally require a skin graft by using Quill PDO on the deep subcutaneous layer to reduce tension followed by Quill Monoderm subcuticularly.*



**Helen Raynham, M.D.**  
Boston, MA

*Quill is my "go-to" suture for any linear closure whether it be on the face, trunk, or extremities. My closures are quicker and cheaper with Quill sutures. Cosmetic outcomes are excellent.*




**Keith LeBlanc, M.D.**  
New Orleans, LA

*Quill saves time, especially on large closures and in elderly patients with friable skin. It has been a game changer for repair of these defects.*

# Quill™ Knotless Tissue Closure Device for Dermatologic Reconstruction



## Monoderm™ (PGA-PCL)

			USP Size (Box of 12)		
Fine Reverse Cutting Needle 	Color	Length	4-0	3-0	2-0
<b>P-3</b> 13mm 3/8 Circle	Undyed	20cm	VLM-3001	VLM-3002	
		30cm		VLM-3003	
<b>PS-2</b> 19mm 3/8 Circle	Undyed	20cm		VLM-3007	VLM-3009
		30cm		VLM-3008	VLM-3010

## PDO (polydioxanone)

			USP Size (Box of 12)		
Fine Reverse Cutting Needle 	Color	Length	4-0	3-0	2-0
<b>P-3</b> 13mm 3/8 Circle	Violet	20cm		VLP-3021	
		30cm		VLP-3022	
<b>PS-2</b> 19mm 3/8 Circle	Violet	20cm		VLP-3026	VLP-3027
		30cm			VLP-3028
<b>PS-1</b> 24mm 3/8 Circle	Violet	30cm			VLP-3029

As with traditional sutures, the Quill™ device suture size is determined by its OUTER diameter. It is therefore recommended that when using the Quill™ device, you upsize by one USP compared with traditional suture. For example if previously using a 3-0 traditional suture, we recommend using a 2-0 Quill™ device.

Material Guide	Description	BSR Profile	Mass Absorption
Monoderm™ (PGA-PCL)	Absorbable Monofilament Undyed (clear)	In vivo strength retention: 42% to 76% at 7 days 36% to 52% at 14 days	Essentially complete between 90 and 120 days
PDO (polydioxanone)	Absorbable Monofilament Dyed (violet)	In vivo strength retention: 80% at 2 weeks 60% at 4 weeks 40% at 6 weeks	Minimal until approximately 120 days Essentially complete by 180 days

Call Customer Service at **877-991-1110**.

Quill™ is available through major healthcare distributors.

For More Information, Visit [QuillDevice.com](http://QuillDevice.com)

Surgical Specialties Corporation, 247 Station Drive, Suite NE1, Westwood, MA 02090, U.S.A.

Phone: 610.404.3520 • 877.991.1110 (USA and Canada only) • Fax: 610.404.4010

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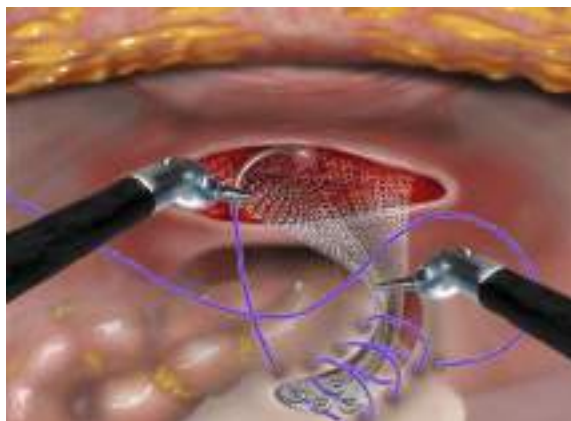
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## Now Available in Four New Laparoscopic / Robotic GYN codes

Experience the extraordinary in laparoscopic and robotic gynecologic procedures

### In sacrocolpopexy and hysterectomy procedures, surgeons report:

- The bidirectional barbed structure “enables the surgeon to be more independent and agile” during the tedious and time-consuming task of peritoneal closure in laparoscopic sacrocolpopexy procedures.  
- Ghomi A, Askari, R. 2010<sup>1</sup>
- In a one-year retrospective analysis of 113 consecutive total laparoscopic hysterectomies, “No cases of cuff dehiscence, hematoma or cellulitis occurred.” The authors concluded that the use of the Quill™ device appears to be safe and efficient when closing the vaginal cuff in a TLH...”  
-Einarsson JL, et al. 2009<sup>2</sup>




The Quill™ PDO device in peritoneal closure for the Sacrocolpopexy procedure. Angiotech, Reading, PA.

Learn more about how the Quill™ device is transforming the nature of soft tissue closure at [www.angioedupro.com](http://www.angioedupro.com).

#### PDO – TAPER POINT

Needle	Color	Barb Configuration	Size				
			4-8	3-8	2-8	8	1
	Violet	14 mm x 14 cm					9A-1089Q
	Violet	10 mm x 18 cm					9A-1079Q
	Violet	14 mm x 16 cm					9A-1079Q
	Violet	7 mm x 7 cm					9C-1089Q
	Violet	14 mm x 16 cm					9C-1079Q

#### POLYPROPYLENE – TAPER POINT

Needle	Color	Barb Configuration	Size
			1
	Clear	14 cm x 14 cm	JA-1050Q

<sup>1</sup> Ghomi A, Askari, R. Use of a bidirectional barbed suture in robot-assisted sacrocolpopexy. *J Robotic Surg*. Published online 2010: <http://springerlink.com/content/r22q11555V123755/fulltext.html>.

<sup>2</sup> Einarsson, JL, et. Al. The use of bidirectional barbed suture in laparoscopic myomectomy and total laparoscopic hysterectomy: an evaluation of safety and clinical outcomes. *J Minim Invasive Gynecol*. 2009;16:S28-S29.

# Transforming the nature of tissue closure

Extend your reach in gynecologic surgery with greater speed and security

- With its unique bidirectional barbed design, the Quill™ Knotless Tissue-closure Device is the only one that completely eliminates the need to tie knots and the potential for knot-related complications
- Makes soft tissue approximation faster and easier by replacing knots with running closure
- Engineered to evenly distribute tension along the closure
- Barbs provide immediate tissue hold on placement, potentially eliminating the need for an assisting “third hand”
- Outperformed same-size conventional suture material in both tensile strength and tissue-holding capacity in in-vitro testing<sup>1</sup>
- Proven across a wide range of gynecologic procedures—including myomectomies, hysterectomies, sacrocolpopexies, and utero-ovarian suspension techniques

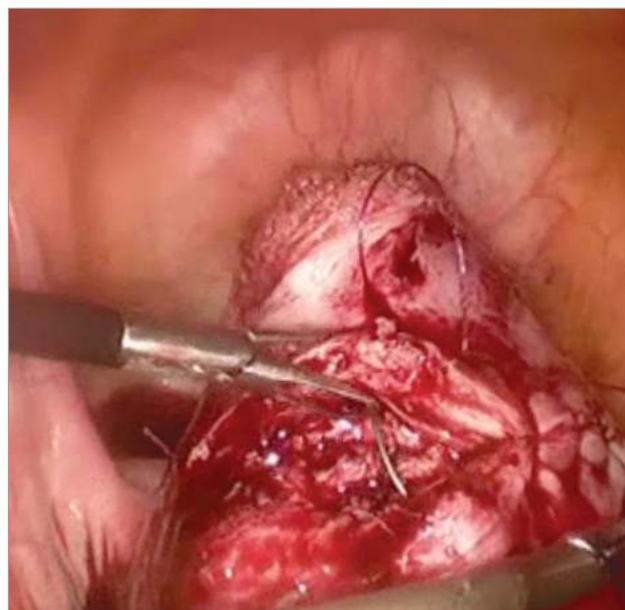
## Experience the extraordinary in laparoscopic and robotic gynecologic procedures

### In myomectomy defect repair, surgeons report

- The Quill™ device reduced tissue “recoil,” making it easier to reapproximate the myometrium, while achieving excellent hemostasis  
—Greenberg JA, Einarsson JI. 2008<sup>2</sup>

### In an analysis of approximately 300 laparoscopic procedures including 100 myomectomies, Einarsson found<sup>3,4</sup>

- The Quill™ device “greatly facilitates myometrial closure because there is no need to tie knots and there is no backsliding of the suture, which enables continuous wound closure... throughout the repair.”  
—Einarsson JI. 2010<sup>4</sup>
- Knotless tissue closure may be especially valuable in single-incision myomectomy, as the task of knot-tying is even more challenging than in the multi-port approach<sup>4</sup>



Myomectomy closure using size 0 PDO Quill™ device.  
Procedure performed by John Ivar Einarsson, MD, MPH, and  
Jim Greenberg, MD.

### In sacrocolpopexy and hysterectomy procedures, surgeons report

- The bidirectional barbed structure “enables the surgeon to be more independent and agile” during the tedious and time-consuming task of peritoneal closure in laparoscopic sacrocolpopexy procedures  
—Ghomi A, Askari R. 2010<sup>5</sup>
- In a one-year retrospective analysis of 113 consecutive total laparoscopic hysterectomies, “No cases of cuff dehiscence, hematoma or cellulitis occurred.” The authors concluded that the use of the Quill™ device “appears to be safe and efficient when closing the vaginal cuff in a TLH...”  
—Einarsson JI, et al. 2009<sup>6</sup>

Learn more about how the Quill™ device is transforming the nature of soft tissue closure at [www.angioedupro.com](http://www.angioedupro.com).

**References:** 1. Leung JC, Ruff GL, Batchelor SD. Performance enhancement of a knotless suture via barb geometry modifications. *7th World Biomaterials Congress 2004 Proceedings*. p. 1587. 2. Greenberg JA, Einarsson JI. The use of bidirectional barbed suture in laparoscopic myomectomy and total laparoscopic hysterectomy. *J Minim Invasive Gynecol*. 2008; 15(5):621-623. 3. Einarsson JI. Laparoscopic myomectomy: 8 pearls. *OBG Management*. 2010;22(3):49-62. 4. Einarsson JI. Single-incision laparoscopic myomectomy. *J Minim Invasive Gynecol*. 2010;17(3):371-373. 5. Ghomi A, Askari R. Use of a bidirectional barbed suture in robot-assisted sacrocolpopexy. *J Robotic Surg*. Published online 2010: <http://springerlink.com/content/r22q11555V123755/fulltext.html>. 6. Einarsson JI, Vellinga T, Twijnstra ARH, et al. The use of bidirectional barbed suture in laparoscopic myomectomy and total laparoscopic hysterectomy: an evaluation of safety and clinical outcomes. *J Minim Invasive Gynecol*. 2009;16:S28-S29.

# Clinical Roundtable in Orthopedics

Advanced Wound Closure Techniques: Use of Quill™ SRS bidirectional barbed wound closure device in arthroplasty. Clinical experience in over 8,000 cases.

*An expert panel of orthopedic surgeons, with a subspecialty in arthroplasty, was recently convened to share their extensive experience with Quill Self-Retaining System (SRS) (Angiotech, Reading, PA). Collectively, these surgeons have performed over 8,000 arthroplasty procedures using Quill SRS and, in the process, have gained considerable insight into the optimal application of this novel technology.*

## MODERATOR



### › KEITH R. BEREND, MD

Clinical Assistant Professor,  
Orthopedics,  
Ohio State University;  
Joint Implant Surgeons, Inc.,  
New Albany, OH

## A panel of experts weigh in

### FACULTY



### › MICHAEL E. BEREND, MD

Center for Hip & Knee Surgery,  
St. Francis Hospital,  
Mooresville, IN



### › CRAIG J. DELLA VALLE, MD

Associate Professor,  
Dept. of Orthopedic Surgery,  
Rush University Medical  
Center, Chicago, IL



### › FRED D. CUSHNER, MD

Chair, Division of Orthopedics,  
Southside Hospital, Bayshore;  
Director, Insall Scott Kelly  
Institute, New York, NY



### › MICHAEL A. MONT, MD

Rubin Institute for Advanced  
Orthopedics,  
Director of Center for Joint  
Preservation and Replacement,  
Sinai Hospital of Baltimore,  
Baltimore, MD

**KEITH BEREND** This group of arthroplasty surgeons was brought together from across the country to:

- › Discuss various techniques that they have refined using Quill SRS in their individual practices.
- › Reflect on their observations regarding the strength, security, and efficiency of wound closures performed with Quill SRS.
- › Provide tips to new users based on their experience with this product to date.

# Quill™ Self-Retaining System–Quill™ SRS

Quill SRS is indicated for use in soft tissue approximation. Since it was first introduced in 2007, Quill SRS has been readily adopted by a number of surgical specialties, including plastic and reconstructive surgery, and minimally invasive general surgery. Quill SRS is designed with tissue retainers (eg, barbs) helically arrayed around a suture material in opposing directions on either side of a transitional retainer-free segment. The device is double-armed with surgical needles. To use it, one end is advanced into the tissue until the opposing retainers are engaged; the retainers then penetrate the surrounding tissue and lock the device in place. Quill SRS is available in short-term absorbable (MONODERM™), long-term absorbable (polydioxanone; PDO), and non-absorbable formulations (polypropylene, nylon). It comes in different lengths with various needle types and sizes.

Of the absorbable formulations, MONODERM Quill SRS supports the wound for 2 to 3 weeks and absorption is essentially complete between 90 and 120 days post-implantation. PDO Quill SRS supports the wound for 6 to 8 weeks; absorption of the PDO Quill SRS device is minimal at 120 days and is essentially complete within 180 days. Since the production of retainers on the suture material decreases the internal core diameter of the device, it is recommended that surgeons “upsized” by one size from their current suture size.

Quill SRS has proven to be an efficient wound closure device that eliminates both the tying of knots to secure the closure and the need for a third hand to follow the suture placement. In addition, compared with multiple individual suture loops used in standard closures, Quill SRS allows for a more even distribution of tension on the soft tissues as they are approximated, with tension distributed along the entire length of the wound.

*Quill SRS has proven to be an efficient wound closure device that eliminates both the tying of knots to secure the closure and the need for a third hand to follow the suture placement.*

## How long have you been using Quill SRS?

**CRAIG DELLA VALLE** I started using Quill SRS approximately 2 years ago, and have since performed about 1,500 procedures.

**MICHAEL BEREND** Our group has had a similar experience: 2 years and about 1,500 procedures.

**MICHAEL MONT** 1 1/2 years and approximately 1,000 to 1,200 cases.

**FRED CUSHNER** 2 1/2 years and 300 cases.

**KEITH BEREND** Our experience goes back about 2 1/2 years and encompasses more than 4,000 cases.

So, in total, the panel has experience using Quill SRS for 1 1/2 to 2 1/2 years in well over 8,000 procedures.

*“So, in total, the panel has experience using Quill SRS for 1 1/2 to 2 1/2 years in well over 8,000 procedures.”*

## What initially intrigued you about the concept of a bidirectional barbed suture?

**CRAIG DELLA VALLE** What initially caught my interest was the potential for increased operating room efficiency that could be achieved with a device that was both running and self-anchoring.

## What have you seen in terms of efficiency of closures performed with Quill SRS compared with traditional sutures?

**FRED CUSHNER** We found that when we made the switch from traditional sutures to Quill SRS, we reduced our closure time by about 50 percent. We actually collected data looking at our operating room times for knee arthrotomy closures during total knee replacement procedures. The only difference between groups was the material used for the closure: interrupted Vicryl™ for one group and Quill SRS for the other. In the latter group, Quill SRS was used for the arthrotomy, the subcutaneous, and the subcuticular layers. Staples were used for the skin. We found that we reduced closure time by about 10 minutes just by changing the method of closure. Once again, this represented a 50 percent reduction in our closure time.

**MICHAEL MONT** We have very similar data for our hip closures, which are performed using an anterolateral approach. We were averaging approximately 20 to 25 minutes for putting down our abductors to the fascia lata, subcutaneous tissue, and skin. With Quill SRS, the time became about 10 to 12 minutes. We realized a savings of 10 to 13 minutes per case. The time savings really starts to add up when you consider the number of cases we perform. This is just one of the potential advantages of Quill SRS that we have found.

*“We found that when we made the switch from traditional sutures to Quill SRS, we reduced our closure time by about 50 percent.”*

What other benefits have you observed with this device?

**FRED CUSHNER** We had the impression that we were getting a more watertight closure with Quill SRS. So, we went to the lab and did a study comparing interrupted Vicryl sutures to Quill SRS for the arthrotomy closure. We hooked up an arthroscopy pump, and then set it at 100 mm of pressure. Unlike the interrupted suture that leaked significantly, we achieved a more watertight closure using Quill SRS. We also loaded it to failure by cutting 1 or 2 stitches. Quill SRS did not unravel or dehiscence. However, the loss of 1 or 2 of the interrupted stitches led to increased loss of fluid from the joint capsule.

**MICHAEL BEREND** We have used Quill SRS closure system for probably 1,500 cases, with 60% of those being knees, including partial knee replacements, total knee replacements, and total knee revisions. Overall, Quill SRS has made the closures significantly easier and more efficient. Switching from an interrupted suture to a running self-anchoring suture is obviously a time-saver for us. In addition, it is also my perception that both the strength of the closure and the reproducibility of a watertight closure are significantly better with PDO Quill SRS. Initially, we had concerns over the strength of the closure and reinforced it with additional figure eight sutures. However, with the experience we have gained

to date, we are now confident to use #2 PDO Quill SRS to close the capsule alone. And, there is efficiency gained by passing Quill SRS back and forth such that 2 assistants can sew throughout the closure period. We believe this is a significant advantage over traditional closure techniques.

**KEITH BEREND** At the recent 2010 AAOS meeting in New Orleans, Simon Mears presented some interesting data on this subject from Dr. Khanuja's group. Using a cadaveric model of medial parapatellar arthrotomy repair, their team performed a running closure with #2 PDO Quill SRS and an interrupted closure with #1 Vicryl sutures in 8 paired knees. The knees were then subjected to cyclic loading. Both repairs maintained the closure during the initial 2,000 cycles. After that, sutures were cut sequentially starting at the center and subjected to further cycling. The closure using Quill SRS survived significantly more cuts than did the interrupted closure, with the interrupted repair failing after a mean of 3 sutures cut, while the running repair using Quill SRS failed after a mean of 5 cuts. So, these data confirm our impression that an arthrotomy closed with Quill SRS is indeed stronger and is more resistant to suture failure than one closed with an interrupted approach.

*“Another benefit is that, when 2 surgeons are sewing away from each other with Quill SRS, the chance of having an accident is minimized.”*

*“Quill SRS has made the closures significantly easier and more efficient.... there is efficiency gained by passing Quill SRS back and forth such that 2 assistants can sew throughout the closure period. We believe this is a significant advantage over traditional closure techniques.”*

Do you have any other data or anecdotal comments on the benefits of using Quill SRS over traditional suturing techniques?

**CRAIG DELLA VALLE** We also found a statistically significant improvement in operative time. In addition, the needle count was less. This should not be underestimated. Having additional sharp objects on the field is a negative. Using fewer needles is really helpful. In addition, data that Mike Mont has shared with me has shown that, depending on what is used for the traditional closure, Quill SRS can really lead to cost savings.

**MICHAEL MONT** We have definitely found a cost savings, although this may be specific to the prices at our hospital. I had been using 5 to 6 traditional sutures compared with 3 Quill SRS. But, some of the surgeons have been using pop-offs, going through 12 or 14 regular Vicryl sutures. So for them, there was an obvious cost savings. Another benefit is that, when 2 surgeons are sewing away from each other with Quill SRS, the chance of having an accident is minimized. We have had virtually no glove perforations or penetrations while using Quill SRS. Every time that you are re-setting a needle with a standard suture, there is a chance of glove perforation. Obviously this has to do with experience, but we are working with residents and fellows.

**CRAIG DELLA VALLE** When I first started using Quill SRS, I was a little intimidated to use this device in complex wounds, particularly around the knee – for example, in a second stage re-implantation where closing the arthrotomy can be tight.

We have since found, in conjunction with both hand surgeons and plastic surgeons, that because of the nature of the device, Quill SRS actually works particularly well for these tight wounds that are difficult to close. As you close the wounds, the device shares the stresses – that is, the stress is distributed along the length of the closure. We have found that Quill SRS really does give you a much better closure for very tight wounds than individual sutures do. I would also like to mention that some thinner patients, who do not have a lot of subcutaneous tissue, particularly on the knee, would otherwise feel knots underneath the skin from non-absorbable materials. Quill SRS eliminates that problem.

**MICHAEL MONT** I agree. Another great advantage occurs in cases with poor tissue quality. In my experience, Quill SRS will approximate those suboptimal areas where you would not have an easy time putting in a knot. Also, Quill SRS will allow you to get into small crevices in the corners of wounds where it is similarly difficult to place knots. Obviously, this device has tremendous advantages in minimally invasive surgeries where there may be limited access.

**KEITH BEREND** Prior to the use of Quill SRS, we had also seen patients who developed seroma subcuticularly at the site of their Vicryl suture knots. Quill SRS also seems to have eliminated this problem, because there are no knots.

What is the learning curve for use of this device? And, how does that extrapolate to new users, residents, fellows, or medical students?

**MICHAEL BEREND** I think the learning curve is very short. First you need to get a feel for the system – how to put the initial 2 stitches in, how to set the tension at the central portion of the wound – and you need to get used to closing from the middle out. I think that, with 5 to 10 cases, you will get a good feel for the tension, the function of the device, the strength of the suture, and the strength of the needle and suture interface. I believe that the tension achieved with Quill SRS across the entire wound is superior to that of an interrupted suture, and failure should be less common, as articulated in the work from Dr. Khanuja.

**MICHAEL MONT** I believe that Quill SRS is so much easier and safer to use than tying knots. Every time you grab a Quill SRS needle, in my opinion, it makes a quite even biomechanical closure that almost anybody can do from the beginning. You cannot get consistently good closure when you are tying suture knots with different residents and fellows. One person ties this way; another person ties another way. With Quill SRS, it is consistent.

Do you have any specific tips to offer a new user? What are the pitfalls?

**FRED CUSHNER** My tip would be to make sure that you use the device properly. For the arthrotomy, do not overtighten Quill SRS. And, make sure you upsize by one size. I use #2 PDO Quill SRS for the arthrotomy. Remember that this is an absorbable material. You do not want too much long-lasting absorbable material at the surface. We use MONODERM Quill SRS for the subcuticular layer so that we have different areas absorbing at different times and there is not too much absorbable material at any one location. In this way, we try to limit any kind of reactive nature to the wound.

**CRAIG DELLA VALLE** I think the biggest pitfall is not doubling back with Quill SRS once you have come to the end of the wound. We start in the middle. When we come to the end of the wound, we double back as far as Quill SRS will go. I would recommend doubling back at least 3 throws once you get to the edge of the incision either proximally or distally. At one time or another, all of us have seen that, when you cut the final Quill SRS off at the very end, it will unravel one. I have never seen it unravel beyond that. When we are doing a knee replacement, we cycle the knee a few times to make sure that the arthrotomy closure is secure. What we have seen with Quill SRS is that it is almost like a Chinese finger trap: the more you flex the knee, the tighter the closure actually gets. As mentioned previously, it is possible to actually overtighten the Quill SRS closure. So, we usually close in about 60 to 90 degrees of flexion and then maximally flex the knee in order to make sure the arthrotomy is tight. As long as we have doubled back a couple of throws, we have not had any problems with the deep closure.

**MICHAEL BEREND** That has been our experience as well. We also close in increasing amounts of flexion and cycle the knee to ensure that the closure is tight. The other thing that we have experienced is that the workload of the closure – both in terms of time and the amount of energy that it takes to close the wound – is significantly reduced due to the running nature of Quill SRS deployment.

**FRED CUSHNER** Also, a small but not unimportant benefit of Quill SRS is that, by not having to do those interrupted pop-offs, you can avoid the cracks that you can get on your PIP joints from tying too many knots at the end of the day.

**MICHAEL BEREND** As part of the learning curve with Quill SRS, I would like to point out that, given the barbed nature of the device, it tends to stick to sponges or drapes or towels, etc. It requires some attention to learn how to handle the device before using it in the wound. And, the operating room personnel need to understand that a different type of approach to the closure is needed when Quill SRS is used. Things cannot be set out like they would be with other monofilament devices. This is important not only for the surgeon or assistant or fellow but also for the scrub technician, nurse, and OR staff.

**FRED CUSHNER** I like that Quill SRS has a bit of a coil, because I like to place the first couple of throws in one direction without the close surgeon or the first assistant going in another direction. I can put Quill SRS right at the side of the wound and it takes up very little space. Once I have done a couple of throws, then the first assistant can go in the other direction. This way, the material stays out of the way until there is enough distance between the 2 surgeons; you do not get in each other’s hand space. Also, new users can view surgical videos of many of the panelists using Quill SRS at [www.VuMedi.com](http://www.VuMedi.com).

*“The other thing that we have experienced is that the workload of the closure – both in terms of time and the amount of energy that it takes to close the wound – is significantly reduced due to the running nature of Quill SRS deployment.”*

What is the appropriate tension to use with this device? For a knee arthrotomy? For a hip fascial layer?

**MICHAEL MONT** In my practice, I try to close a knee arthrotomy in about 30 degrees of flexion. One of the biggest problems that I have seen with new users is that they pull Quill SRS as if they are tying a knot. They can actually pull the needle off the suture. Then we have to decide what to do: open another Quill SRS or finish the wound with regular Vicryl. I do not have absolute guidelines; just do not overpull this device. As Michael Berend said earlier, the learning curve here is approximately 5 or fewer cases to really get the feel for this technique.

Are there any drawbacks to using this device?

**FRED CUSHNER** We have been using Quill SRS now for approximately 2 1/2 years. Initially, we had some superficial reactions with PDO Quill SRS. This was before 3-O PDO Quill SRS and MONODERM Quill SRS product became available. At that time, we were using PDO Quill SRS 0 and 2-O for the subcuticular layer. I believe we were getting a reaction in cases where the subcutaneous and subcuticular layers were too close. I think that there was just too much long-lasting absorbable material in the subcuticular area. Since we have switched to 3-O MONODERM Quill SRS in the subcuticular space, the problem of superficial reactions in the subcuticular layer has been eliminated.

*“A meta-analysis was just published in March in the British Medical Journal comparing the clinical outcomes of staples versus sutures in wound closure after orthopedic surgery. They found a significantly higher risk of superficial skin infections when staples were utilized compared to sutures.”*

What are you using to close the skin?

**MICHAEL MONT** I use MONODERM Quill SRS, which gets absorbed pretty quickly. I had been using staples before this. The patients love it since there are no staples anymore, and I have been very satisfied with the wound healing and appearance.

**FRED CUSHNER** Getting rid of staples may actually be a good thing. A meta-analysis was just published in March in the *British Medical Journal* comparing the clinical outcomes of staples versus traditional sutures in wound closure after orthopedic surgery. They found a significantly higher risk of superficial skin infections when staples were utilized compared to sutures.

**CRAIG DELLA VALLE** In the hip, I am more comfortable not using staples; we use Dermabond®. In the knee, we use Dermabond and we still use staples as well.

**KEITH BEREND** Throughout our entire experience with Quill SRS, we have used Dermabond on the skin for all primaries, and staples for most revisions.

*“In addition, the needle count was less. This should not be underestimated. Having additional sharp objects on the field is a negative.”*

#### **KEITH BEREND Closing Thoughts**

- › It is the experience of these panelists that as much as a 50% reduction in closure times for both knee and hip procedures may be realized with running deployment of Quill SRS.
- › Efficiencies are gained through the avoidance of knot tying, and by using 2 assistants to perform the closure. As a result, in some cases, significant cost savings may be achieved.
- › Compared with traditional sutures, we have found that closures with Quill SRS are stronger, more watertight, and more resistant to failure when cut, with better distribution of tension along the length of the wound.
- › We have also found that Quill SRS can be used more effectively than traditional sutures for closure of suboptimal tissue, in very tight wounds, and in limited access environments.
- › We also believe that closures can be performed safely with fewer needles used and less chance of glove perforation.
- › Finally, by making use of the tips provided by this panel, optimal use of this technology can readily be learned by a new user within the first 5 to 10 cases.
- › Hip and knee arthroplasty procedures using Quill SRS performed by many of the panelists can be viewed at [www.VuMedi.com](http://www.VuMedi.com).

*For additional information on Quill SRS, visit Angiotech’s educational resource for health care professionals at [www.angioedupro.com](http://www.angioedupro.com).*

#### **Angiotech Pharmaceuticals, Inc.**

*Dr. Keith Berend and Dr. Fred Cushner are paid consultants to Angiotech Pharmaceuticals, Inc.*

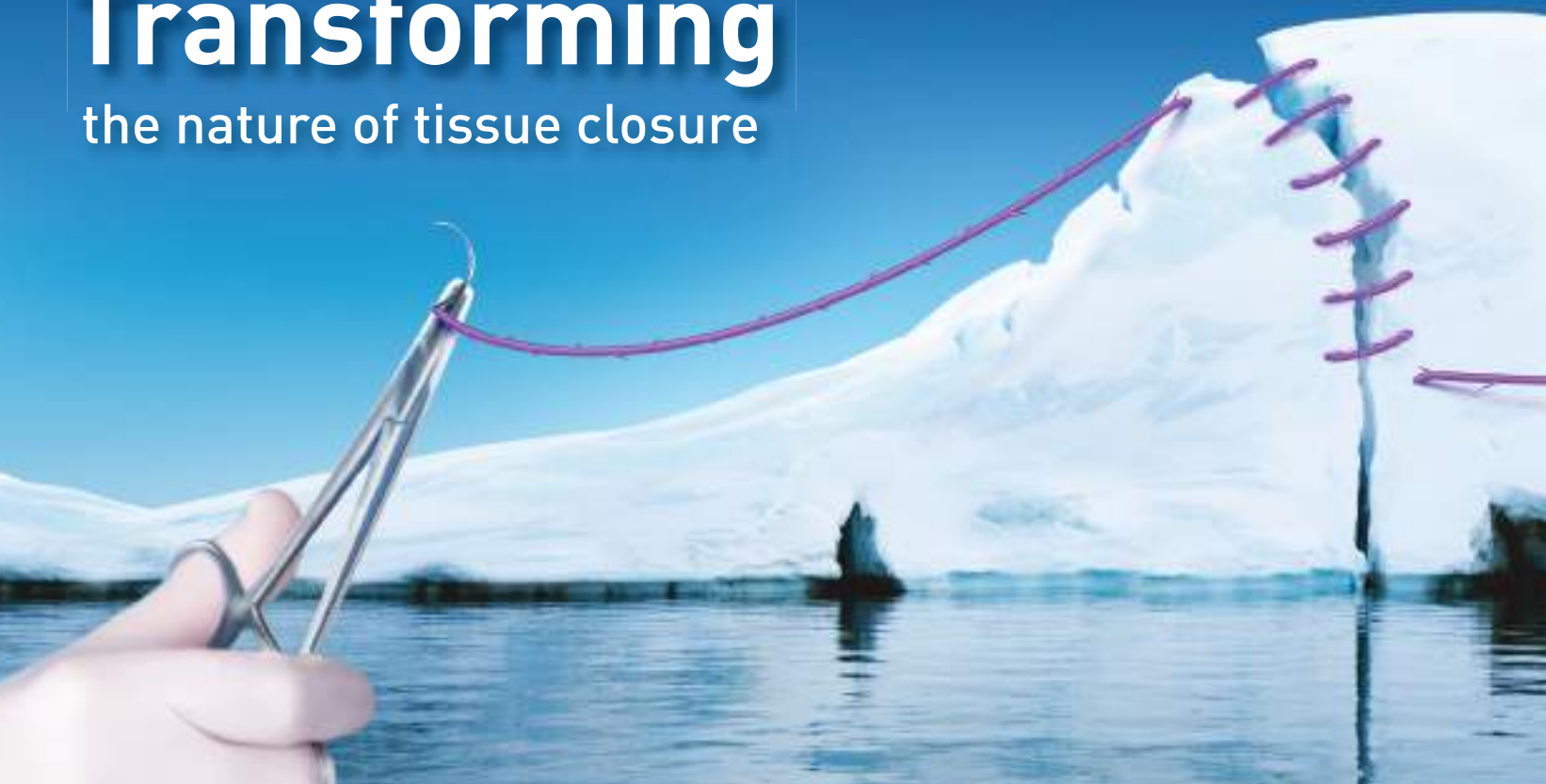
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0001 05/10  
Clinical Roundtable in Orthopedics (Brochure)

# Transforming

the nature of tissue closure



Extend your reach in orthopedic surgery with greater speed and security

- With its unique bidirectional barbed design, the Quill™ Knotless Tissue-closure Device is the only one that completely eliminates the need to tie knots and the potential for knot-related complications in soft tissue closure
- In dynamic testing, the Quill™ device has been shown to be as strong as traditional interrupted closure and more resistant to failure when disrupted<sup>1</sup>
- The bidirectional barbed structure of the Quill™ device is engineered to evenly distribute tension along the closure
- Ability to use running closure may significantly reduce closure times<sup>2,3</sup>



## Demonstrated advantages in orthopedic surgery

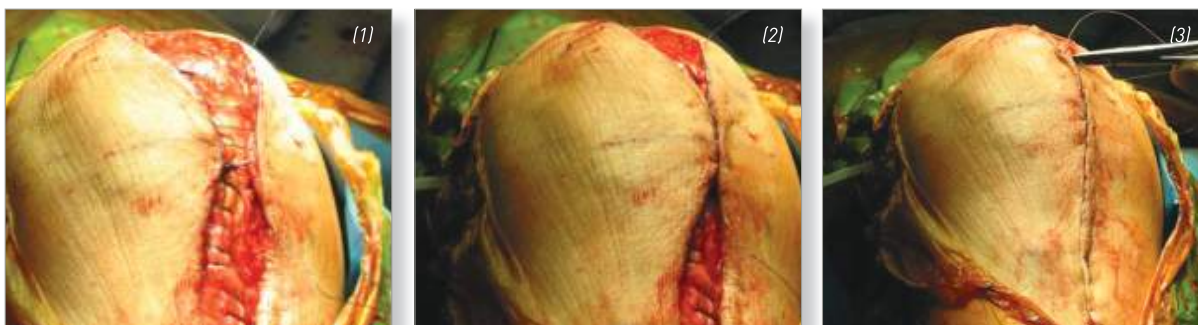
- Based on their combined experience in more than 8,000 arthroplasty procedures, five expert surgeons report the Quill™ device:
  - Makes closures “stronger, more watertight, and more resistant to failure when cut, with better distribution of tension along the length of the wound”
  - May enable closures to be performed with fewer needles, which may reduce the chance of glove perforation
  - Facilitates closures of suboptimal tissue, in very tight wounds, and in limited-access environments
  - Speeds closure time by eliminating knots as well as by enabling two assistants to close together, which may result in significant cost savings

— Drs. Keith R. Berend, Michael E. Berend, Fred D. Cushner, Craig J. Della Valle, and Michael A. Mont, in a clinical roundtable discussion<sup>3</sup>

- Used in more than 150,000 orthopedic procedures to date<sup>3</sup>

## Close multiple soft tissue layers with the Quill™ device

- Available in both long- and short-term absorbable material, the Quill™ device can be used to close the capsule, subcutaneous, and subcuticular layers



*Three-layer closure using the Quill™ device:*

*(1) capsule layer using size 2 Quill™ PDO device*

*(2) subcutaneous layer using size 0 Quill™ PDO device*

*(3) subcuticular layer using size 3-0 Quill™ MONODERM™ device*

*Closure can be completed with staples, cyanoacrylate, or other additional support as per surgeon preference.*

Learn more about how the Quill™ device is transforming the nature of tissue closure at [www.angioedupro.com](http://www.angioedupro.com).

**References:** 1. Vakil JJ, O'Reilly MP, Sutter EG, et al. Knee arthrotomy repair with a continuous barbed suture: a biomechanical study [published online ahead of print September 6, 2010]. *J Arthroplasty*. doi:10.1016/j.arth.2010.07.003. 2. Paul MD, Budd M. Evaluating the Quill™ self-retaining system. [http://www.PlasticSurgeryPractice.com/issues/articles/2009-03\\_07.asp](http://www.PlasticSurgeryPractice.com/issues/articles/2009-03_07.asp). Accessed September 1, 2010. 3. Data on file. Reading, PA: Angiotech Pharmaceuticals, Inc; 2008.

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0031 11/10  
Orthopedic Sell Sheet



# Transforming

the nature of pacemaker pocket closures



## Advantages to the Cardiac Electrophysiology Lab

- With its unique barbed design, the Quill™ Knotless Tissue-closure device completely eliminates the need to tie knots and the potential for knot-related complications
- Barbs provide immediate tissue hold on placement, potentially eliminating the need for an assisting “third hand”
- The Quill™ device is currently used by surgeons for soft tissue approximation in the following surgical specialties: orthopedic, plastic, gynecologic, urologic, general and CV surgery
- The Quill™ device makes soft tissue approximation faster and easier- which may significantly reduce closure times<sup>1</sup>



Quill™ Device Closure Solutions in Pacemake Implantation

- Tension more evenly distributed instead of single-point fixation
- Faster wound closure<sup>2</sup>
- Improved appearance and more natural scarring<sup>1</sup>
- Avoidance of knot complications
  - No knot pain
  - No knot visibility

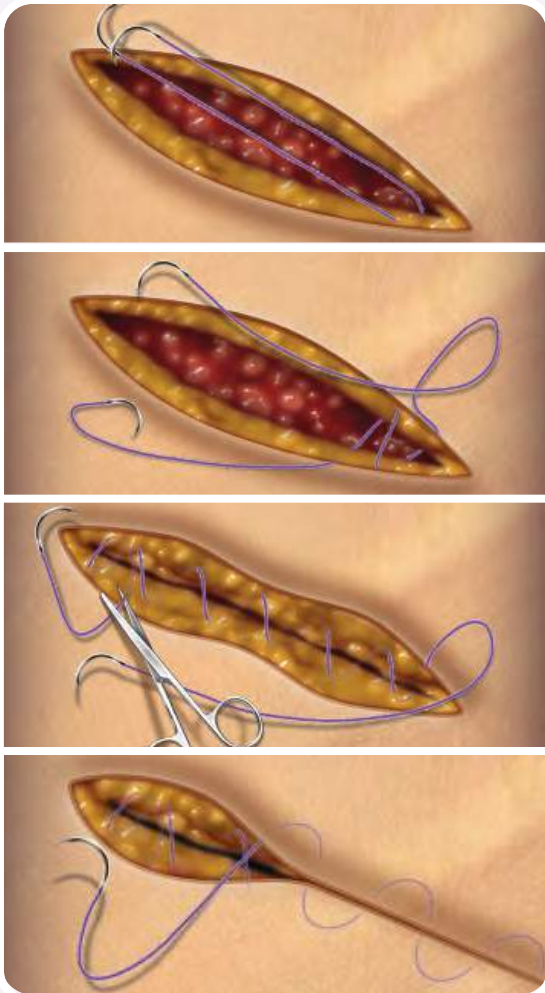
Traditional Suture Compared to Quill™ Knotless Tissue-Closure Device

	TRADITIONAL SUTURE	QUILL™ DEVICE
Devices Required	2	1
Technique	Close one layer at a time	Close multiple layers simultaneously
3 <sup>rd</sup> Hand	May be necessary	Not necessary
Knot Required	Yes	No
Potential Knot Complications	<ul style="list-style-type: none"><li>• Extrusion</li><li>• Pain</li><li>• Subcuticular</li></ul>	<ul style="list-style-type: none"><li>• None</li></ul>
Hold	Single-point fixation	Distributed tension
Time	Slower	Faster
Allows Coaptation	Yes	Yes

## Quill™ Device Techniques for Pacemaker Pocket Closure

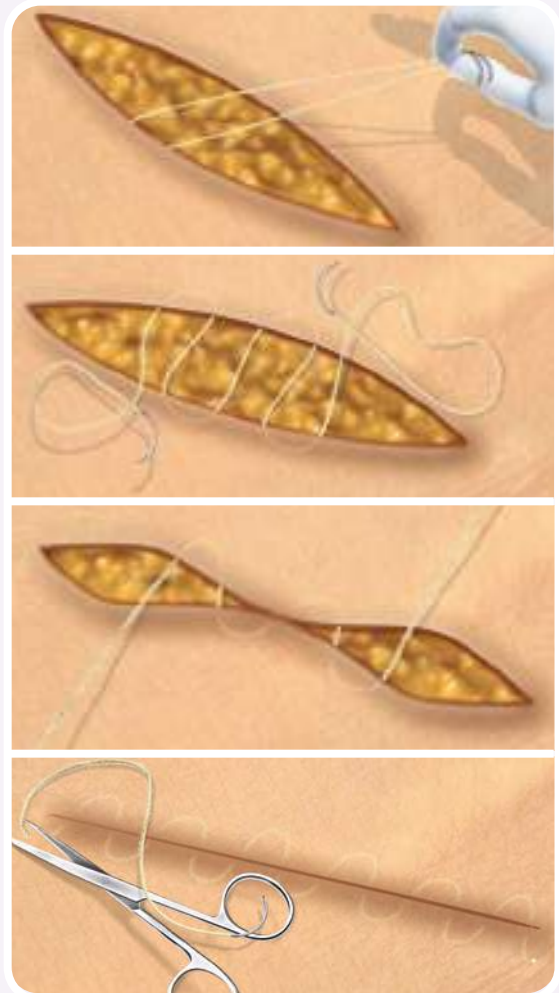
### Deep Layer Closure

- Closure of incisions that include the SFS and deep fat. Multiple layer closures can be performed using a helical suturing technique
- Closure is faster, uses less material, and requires no knot tying<sup>1,2</sup>



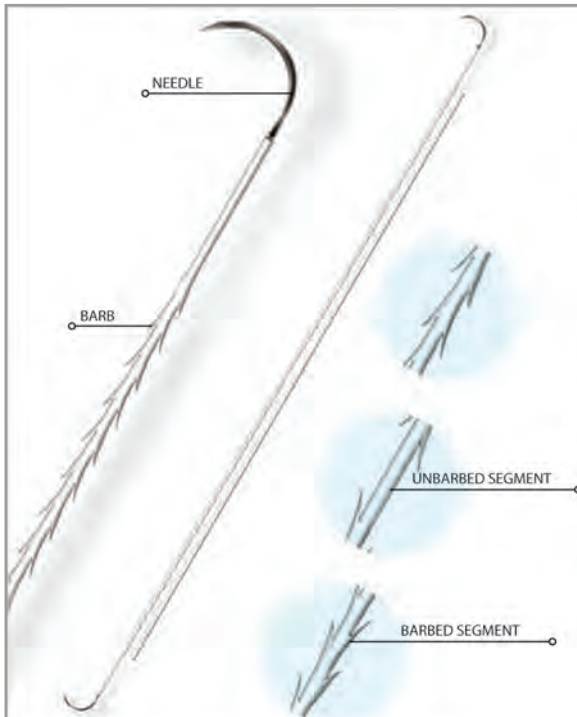
### Superficial Layer Closure

- Single device is used to close the subcutaneous tissue, deep dermis, and subcuticular layer
- No knot tying, palpable knots, or potentially uncomfortable extruding knots



## The Quill™ device product overview

- Double-armed bidirectional barbed suture designed to evenly distribute tension along the closure
- Barbs arrayed in opposing directions on either side of a transitional unbarbed segment
- Available in different lengths with various needle types and sizes
- Simple sizing conversion: upsize by 1 to ensure consistent strength
- Indicated for soft tissue approximation



### Available Quill™ device materials

	BSR Profile	Mass Absorption
<b>ABSORBABLE</b>		
<b>Monoderm™</b> (PGA - PCL)	In vivo retention: 62% at 7 days 27% at 14 days	Essentially complete between 90 and 120 days
<b>PDO</b> (polydioxanone)	In vivo strength retention: Quill™ device size: Size 3-0: 80% at 2 wks, 80% at 4 wks, 40% at 6 wks Size 4-0: 67% at 2 wks, 50% at 4 wks, 37% at 6 wks	Minimal until approx. 120 days. Essentially complete by 180 days
<b>NON-ABSORBABLE</b>		
<b>Nylon</b>		Is not absorbed. Progressive hydrolysis may result in loss of its tensile strength over time
<b>Polypropylene</b>		Is not absorbed nor is any significant change in tensile strength known to occur in vivo

### Commonly used Quill™ device codes in EP Pocket surgery

<b>Subcuticular Layer Closure Ordering Codes</b>	YA-2016Q	3-0 Monoderm
<b>Deeper Layer Closure Ordering Codes</b>	RA-1000Q	0 PDO

For more information, visit [www.quilldevice.com](http://www.quilldevice.com).

**References:** 1. Paul MD, Budd M. Evaluating the Quill™ self retaining system. <http://www.PlasticSurgeryPractice.com>. Accessed December 26, 2012. 2. Data on file. Vancouver, BC, Canada: Angiotech Pharmaceuticals, Inc; 2008

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Quill 0133 01/2013



# Clinical Roundtable in Plastic Surgery

## Advanced Tissue Approximation Techniques: Clinical Experience with the Quill™ Knotless Tissue-Closure Device in Plastic Surgery

*An expert panel of plastic surgeons was recently convened to share their extensive experience with the Quill™ Knotless Tissue-Closure Device (Quill™, formerly Quill™ SRS; Angiotech, Reading, PA). This panel includes some of the earliest adopters of the Quill™ technology. These surgeons have performed hundreds of procedures using the Quill™ device. In the process, they have gained considerable insight into the optimal application of this novel technology in their clinical practice.*

### MODERATOR



#### › Dennis Hammond, MD

Assistant Clinical Professor,  
Department of Surgery,  
Michigan State University,  
East Lansing, MI  
Center for Breast & Body  
Contouring  
Grand Rapids, MI

### A panel of experts weighs in

#### FACULTY



#### › Franklyn Elliott, MD

Clinical Assistant Professor  
in Surgery, Emory University  
Atlanta Plastic Surgery  
Atlanta, GA



#### › Alex Moya, MD

Director, Center for Weight Loss  
Body Contouring  
Assistant Director, Center for  
Aesthetics and Cosmetic Surgery  
Geisinger Health System  
Danville, PA



#### › Dennis Hurwitz, MD

Clinical Professor, University  
of Pittsburgh Medical School  
Hurwitz Center for Plastic Surgery  
Pittsburgh, PA



#### › Allen Rosen, MD

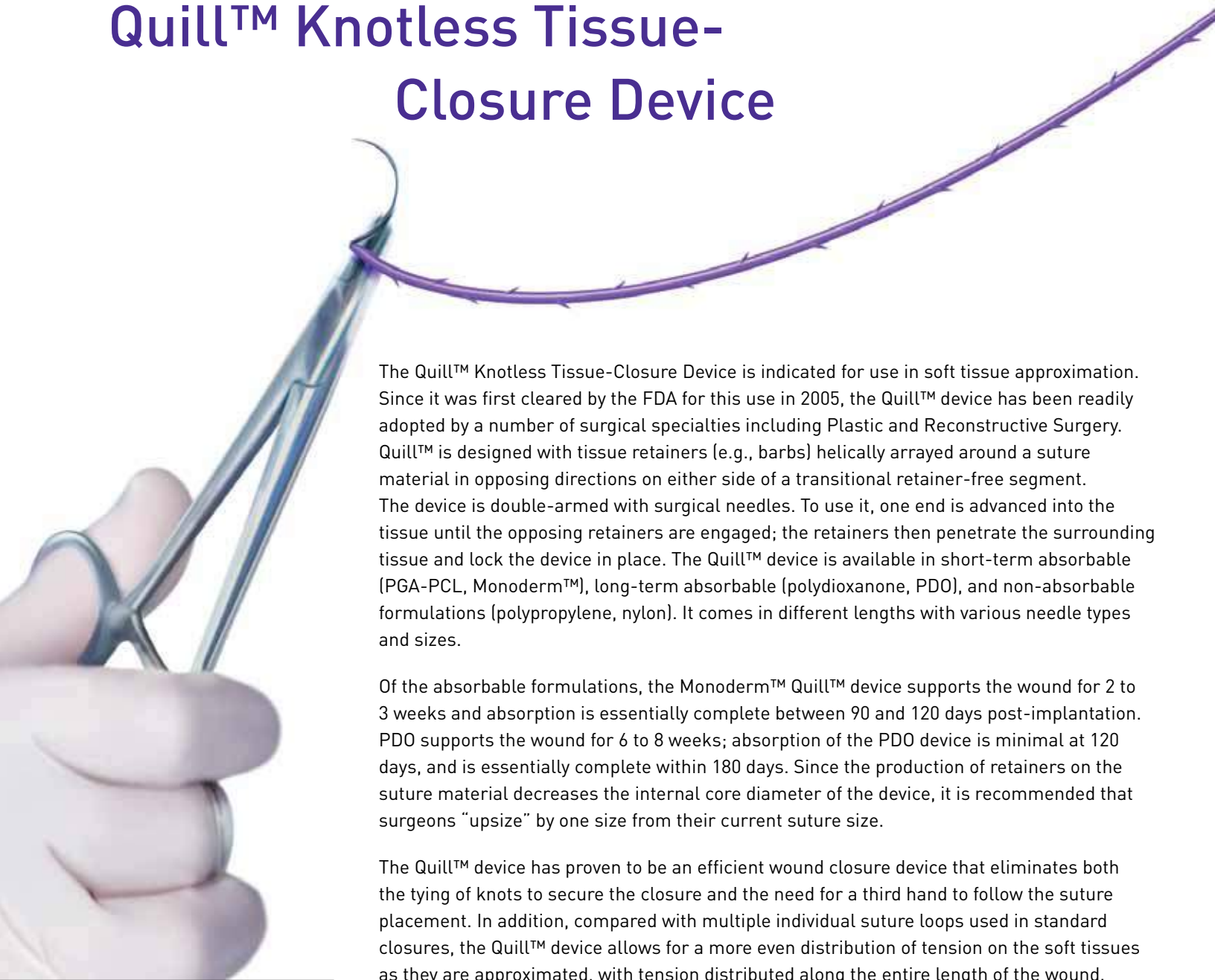
Founding Partner and Medical  
Director  
The Plastic Surgery Group & North  
Fullerton Surgery Center  
Montclair, NJ

**DENNIS HAMMOND** *This panel of plastic surgeons was brought together to:*

- › Share their experience and techniques using the Quill™ device in a variety of procedures and tissues
- › Examine some of the benefits and challenges that they have encountered since first using the Quill™ device
- › Provide tips to new users based on their collective experience to date

These are the clinical experiences of this panel. Individual experiences and results of procedures using the Quill™ device are based on many factors and will vary from patient to patient and surgeon to surgeon.

# Quill™ Knotless Tissue-Closure Device



The Quill™ Knotless Tissue-Closure Device is indicated for use in soft tissue approximation. Since it was first cleared by the FDA for this use in 2005, the Quill™ device has been readily adopted by a number of surgical specialties including Plastic and Reconstructive Surgery. Quill™ is designed with tissue retainers (e.g., barbs) helically arrayed around a suture material in opposing directions on either side of a transitional retainer-free segment. The device is double-armed with surgical needles. To use it, one end is advanced into the tissue until the opposing retainers are engaged; the retainers then penetrate the surrounding tissue and lock the device in place. The Quill™ device is available in short-term absorbable (PGA-PCL, Monoderm™), long-term absorbable (polydioxanone, PDO), and non-absorbable formulations (polypropylene, nylon). It comes in different lengths with various needle types and sizes.

Of the absorbable formulations, the Monoderm™ Quill™ device supports the wound for 2 to 3 weeks and absorption is essentially complete between 90 and 120 days post-implantation. PDO supports the wound for 6 to 8 weeks; absorption of the PDO device is minimal at 120 days, and is essentially complete within 180 days. Since the production of retainers on the suture material decreases the internal core diameter of the device, it is recommended that surgeons “upsized” by one size from their current suture size.

The Quill™ device has proven to be an efficient wound closure device that eliminates both the tying of knots to secure the closure and the need for a third hand to follow the suture placement. In addition, compared with multiple individual suture loops used in standard closures, the Quill™ device allows for a more even distribution of tension on the soft tissues as they are approximated, with tension distributed along the entire length of the wound.

*The Quill™ device has proven to be an efficient wound closure device that eliminates both the tying of knots to secure the closure and the need for a third hand to follow the suture placement.*

## Clinical Roundtable in Plastic Surgery

*“I cannot imagine putting in another knot.  
In abdominal plications alone, I was tying 300 knots.  
Now, I simply place one Quill™ device back and forth and I’m done.”*

### What initially intrigued you about this device?

**ALEX MOYA** I heard about the Quill™ device a little over 3 years ago at the annual ASPS meeting and started using it shortly thereafter. With all of the large body contouring procedures that I perform, I thought that this knotless suture could save OR time.

**DENNIS HURWITZ** I saw one of the early presentations about the Quill™ device and had read the 2006 paper that described its application in plastic surgery. Following FDA clearance of the Quill™ device in 2007, I was willing to take the next step forward. It has not let me down. After a year, I said to my nurse/anesthetist, “I do not know what I did before I had the Quill™ device.” She replied, “Well, we spent a lot more time together!” Plastic surgeons finally have a material for tissue approximation to which they can fully apply their craftsmanship.

**ALLEN ROSEN** The turning point for me was the arrival of the absorbable product and then seeing that Malcolm

Paul was performing some of the same procedures as us, such as SMAS lifting and body contouring, but now they were being done quicker, easier, and without knots. Once I had the Quill™ device in my hands, there was a “WOW” factor. Surgery became more fun by eliminating the tedium of the interrupted suture technique.

**FRANKLYN ELLIOTT** I had heard about barbed sutures, both uni- and bidirectional, and was initially a bit confused about the indications. After talking with a company representative, I gave it consideration. I do a lot of TRAM flap procedures and abdominoplasties. Quite rapidly we realized that, instead of abdominal closure times of 11-15 minutes, we were now able to close in 3-4 minutes using the Quill™ device.

**DENNIS HAMMOND** I cannot imagine putting in another knot. In abdominal plications alone, I was tying 300 knots. Now, I simply place one Quill™ device back and forth and I’m done.

### In which procedures do you use the Quill™ device?

**FRANKLYN ELLIOTT** I am now using the Quill™ device for skin closure in all abdominal procedures, including abdominoplasties, belt lipectomies, and closure of a TRAM flap defect. I use the Quill™ device routinely on the transverse lower breast incision in an inverted-T breast reduction. This allows for rapid closure of that incision, which is difficult to see and takes a lot of time to close with interrupted sutures. The Quill™ device is incredibly helpful in closing the inner thigh lift incision as well as various breast reconstruction incisions. I use the Quill™ device on essentially any linear skin closure that is greater than 12 cm. We use it to obliterate the latissimus defect inside the pocket. The Quill™ device is also very helpful in simplifying the SMAS plication in the cheek during a facelift and in the submental SMAS plication during a neck lift.

**DENNIS HURWITZ** The Quill™ device is particularly well suited to brachioplasty and thighplasty procedures. I will also sometimes use the Quill™ device in a mastopexy, when putting a spiral flap into place, to shape it a bit better. In some respects, the Quill™ material is closer to Velcro than it is to suture. It grasps tissues together with the help of barbs.

*Continued on next page*

*In which procedures do you use the Quill™ device? (cont'd)*

**ALLEN ROSEN** In addition to procedures already mentioned, I have also used the Quill™ device in open rhinoplasty. I was putting in spreader grafts when one of my junior associates walked in and sarcastically said, “Why aren’t you using the Quill™ device for your rhinoplasty?” So, I picked up a 3-0 Monoderm™ Quill™ device, and went back and forth a couple of times to pull the tissues together. It worked great. We still need smaller Quill™ devices, such as 4-0, 5-0, and 6-0, to use for domal cartilages and other tissues where the Quill™ device could add value. I have also been very happy using the Quill™ device in capsulorrhaphy. Again, it is a difficult space to work in with interrupted sutures. The capsular tissue never quite pulls together. In contrast, the multilayer capsulorrhaphy with the Quill™ device has been easy to deploy, fast, secure, and precise.

**ALEX MOYA** I agree. It is much easier to manipulate tissues with the Quill™ device, such as in a capsulorrhaphy. Because of the even distribution of tension across the suture line, the Quill™ device can better handle poor-quality tissues. It has helped me reposition breast implants and maintain those positions during the recovery phase. The Quill™ device simply secures soft tissues much better than any other suture material I have used. It has changed my practice by allowing me to move some of my typical OR procedures into the clinic. Since I can control the closure with ease, I can perform extensive capsulorrhaphies under local anesthesia. I can better visualize the effect of each throw without having to tie knots, which significantly shortens the procedure time. These advantages all translate into patient benefits. I have also used the Quill™ device extensively for thighplasties.

*“The Quill™ device simply secures soft tissues much better than any other suture material I have used. It has changed my practice....”*

**ALLEN ROSEN** I use the 2-0 PDO Quill™ device for the deeper level of purse-string periareolar closure in both mastopexy and reduction mammoplasty, and close with 3-0 Monoderm™. It is amazing. There are no knots at the T-zone and the distribution of the periareolar closure at the top of the circumvertical pattern is great. I come right across that T-zone and run the Quill™ device around. I can do the whole closure with one Monoderm™ device from top to bottom, including the vertical limb. I also use the Quill™ device for SMAS plication, as described by Dan Baker, from the malar eminence down to the mandibular border without having to undermine. I adjust tension along the way. I also

do a platysmaplasty that starts at the mastoid and goes to the midline, using the Quill™ device in a double layer with 2 parallel lines that pulls the platysma along a superolateral vector. I still do the midline when I need midline plication. The Quill™ device allows me the freedom to set the tension, especially in the second layer.

**DENNIS HAMMOND** To round out this broad base of experience to date, I’ll just add that I have also used the Quill™ device for pressure sores.

*“In many states, like Pennsylvania, there is a 4-hour cutoff for procedures performed at ambulatory surgery centers. So, it is particularly beneficial to have a time-saving [device].”*

*What are some of the pearls that you have learned on how best to use the Quill™ device?*

**DENNIS HAMMOND** In my role as moderator, I’ll summarize these discussions on behalf of the panel. Here are some of the highlights:

- First, we are all used to pulling smooth sutures very tight. When you first use the Quill™ device, your instinct will be to pull too hard on the running suture, particularly on the deep suture during the abdominal closure. This can cause an indentation superficially and should be avoided. The Quill™ device cannot be loosened once it is pulled down. With a bit of experience, you will acquire the ability to get the tension right. This is the greatest pearl that we can impart: *DO NOT PULL THE RUNNING QUILL™ DEVICE.*
- Second, when deciding the length of suture to use, if in doubt, use the longer length.
- Third, with the Quill™ device, you can gather and cinch the tissues as you go along and establish the tension you want in a way that had never before been possible. For example, in body contouring where uneven suture lines are a common problem, you can gather the long line by gapping across with every other throw of the Quill™ device. Then, pull in the line, and keep it in place without needing a helping third hand or assistant. You then secure the closure at precisely the tension you want. You are your own guide. This is a new and very satisfying aspect of the surgery.
- Fourth, the Quill™ device can be used to flatten and eliminate the dog ear at the end of every suture line. You can change from vertical throws for your running stitch to horizontal throws, and then place the Quill™ device at exactly the depth you want. Return the needle back along the just-closed suture line as far as needed, for security and to minimize the dog ear at the end of the closure.

*What are some of the benefits that you have seen with the Quill™ device?*

**DENNIS HURWITZ** One other advantage of the Quill™ device relates to the time limit for outpatient surgery. We are doing more surgeries on an outpatient basis, particularly body contouring, combining breast and abdomen for example. In many states, like Pennsylvania, there is a 4-hour cutoff for procedures performed at ambulatory surgery centers. So, it is particularly beneficial to have a time-saving suture. We work as a team on either suture end, which helps us stay under the time limit.

**ALLEN ROSEN** We used to first close everything together with staples. Now, I just pull the tissues together with the Quill™ device. I have more control of the closure without needing that extra step. I can close in the horizontal or vertical dimension, and change layers easily. I now close all layers with the Quill™ device. In short closures, like in augmentation mammoplasty, I use one short 3-0 Monoderm™ to close Scarpa’s, and the cutaneous and deep dermal layers. To anchor the Quill™ device, I reverse the direction of the running suture and go back 2-4 throws. There is no limit to the way the Quill™ device can be placed. Surgeons can decide what works best for them.

**FRANKLYN ELLIOTT** With any new product, there is usually an added expense. In the case of the Quill™ device, the time savings in the operating room offset the increased cost of the product. We are also using much less suture material than with previous techniques utilizing knots. For instance, we now routinely close the abdomen with just 2 sutures, a 0 and a 2-0 Quill™ device. Also, I was pleased with the efficiency of the Quill™ device in the cheek and neck. The plication of the platysma in the midline of the neck is difficult to see and it is difficult to gauge its tightness. The Quill™ device has been remarkable in simplifying that closure.

**DENNIS HURWITZ** The Quill™ device is worth the extra price. We so commonly picked out thick knots from traditional sutures that we made in the dermis. With the Quill™ device, there are no knots. For example, you can use the Monoderm™ Quill™ device to trail around the areola with impunity where you used to see a lot of spitting. It holds nicely and uniformly for this closure.

*“With the lower and upper back, unquestionably I get better scars today with the Quill™ device. A good, secure subcutaneous closure makes it happen.”*

*Compared with traditional sutures, have you noticed any differences in the quality of the closure and the appearance of the scar since starting to use the Quill™ device?*

**FRANKLYN ELLIOTT** The closures are at least as good with the Quill™ device, and minimizing dog ears is a definite improvement in the quality of the closure. There is no evidence of increased infection, wound breakdown, or dehiscence of the wound. Any problems with the closure that can occur if the Quill™ device is pulled too tight are readily resolved with experience.

**ALLEN ROSEN** In my experience, the closures looked remarkably good and tension free, but scar cosmesis is something we still need to study.

**DENNIS HURWITZ** This material is so much fun to work with; it is so satisfying as you bring tissues together. Initially, I had a tendency, and I think my residents did too, of oversuturing. You can get too much of a burden of foreign body – a little too ischemic, particularly in the horizontal running stitch. We have to resist the temptation to overstitch with the heavier grade material in the subcutaneous tissue as this can lead to necrosis of the skin and fat. It is easily avoided. But now, it is unusual for me to get a bad scar. Most of us get good abdominoplasty scars if you wait long enough. Even the medial thighs seem to do alright. With the lower and upper back, unquestionably I get better scars today with the Quill™ device. A good, secure subcutaneous closure makes it happen.

**DENNIS HAMMOND** I had a very interesting experience early on. We did one trial case in which we closed the SFS layer and subcuticular layer with the PDO Quill™ device and then totally forgot about it. Six weeks later, the patient came back to the office, and I looked at her scar. I noticed a huge difference, and have never looked back. I believe that the barbs provide a more secure closure. They keep the wound edges from sliding back and forth as they would across the Monocryl™ suture that I used to use. Eliminating this micro-motion improves the quality of the scar. I have had great scar cosmesis using the Quill™ device in the abdomen and the arms. Now, we need evidence-based medicine to prove this point.

**ALEX MOYA** Scars along high-tension areas, such as a vertical abdominal closure, appear to be much improved (thinner) with the use of the Quill™ device. This is likely due to several factors. I exclusively use a #2 PDO Quill™ device to approximate the SFS during all my trunk contouring procedures: body lift, fleur-de-lis abdominoplasty and corset trunkplasty. This large-gauge helps maintain a tension-free skin closure over the first couple of months post-surgery. Since there are no knots, there is no palpable post-operative issue, even in thin patients. My closing technique has also changed. I now approximate the deep tissues under direct visualization (no stapling needed to align the skin edges), which aides in securing a good piece of SFS layer with every throw of the Quill™ device.

*“Since there are no knots, there is no palpable post-operative issue, even in thin patients.”*

*What is your experience with use of the Quill™ device in poorer quality tissue?*

**DENNIS HURWITZ** Alex has already commented on the benefits of the Quill™ device when performing a capsulorrhaphy. So, let me focus on brachioplasty. I recently published my brachioplasty technique using the Quill™ device in a running horizontal stitch, in the *Aesthetic Surgery Journal* 2010 summer issue. I have been so pleased with the ability to gather and hold whatever flimsy subcutaneous fascia is natively present in the arm. The Quill™ device holds these tissues better than anything I have used before. Each bite holds on its own accord. I do not get small gaps. It is remarkable and in sharp contrast to Michele Shermak’s recent paper in *Plastic and Reconstructive Surgery*. Among the 910 body contouring procedures assessed, she reported that barbed sutures were associated with significantly higher wound complications in the arm – although only 7 procedures were performed with the Quill™ device compared to 81 performed with conventional sutures. This has not been my experience. Of all areas, it is the arms and the medial thighs that have very flimsy subcutaneous fascia. Nothing recruits these tissues better than the Quill™ device, particularly when you are doing preliminary liposuction in the excision site and have a little fluid in the tissues. Unequivocally, you have your best chance to draw your tissues together the way you want with the Quill™ device.

*“Of all areas, it is the arms and the medial thighs that have very flimsy subcutaneous fascia. Nothing recruits these tissues better than the Quill™ device....”*

*Have you encountered any post-operative complications using the Quill™ device?*

**DENNIS HAMMOND** I believe that I am doing very well with my closures on a difficult subset of patients, the body lifts. But, how do we reconcile our own personal experiences with the recent data from Dr Shermak?

**DENNIS HURWITZ** Dr Shermak presented her data in a certain way. If you use these same data to directly compare the barbed and non-barbed groups, the barbed group comes out very well. For instance, compared with conventional sutures, overall the Quill™ device was associated with fewer wound healing complications (16.5% vs 22.4%), infections (0.97% vs 2.8%), and seromas (0.97% vs 16.8%). While we do encounter an occasional problem, we are overwhelmingly pleased with the performance of this material.

**DENNIS HAMMOND** Dennis, in your brachioplasty paper, you report a very low seroma rate in an area that is typically seroma prone. Has the Quill™ device helped in this regard?

**DENNIS HURWITZ** Yes, the Quill™ device has definitely helped. I believe the reasons are multifactorial. Preliminary incision site liposuction presumably reduces the lymphatic injury so that only skin is excised. I also agree that the micro-movement of tissues is impeded with the Quill™ device. When I remove the dressings a few days later, it’s not like anything I’ve seen before. There’s less bruising, less inflammation. All these factors contribute to the lack of seromas and micro-dehiscences that used to plague that operation.

**FRANKLYN ELLIOTT** We have had an occasional infection with the Quill™ device, but not any more frequently than with other abdominal or breast closures. We did not see many seromas or micro-dehiscences prior to its use. We are not seeing more now.

**DENNIS HAMMOND** Alex, what has been your experience with the thigh?

*Continued on next page*

Have you encountered any post-operative complications using the Quill™ device? (cont'd)

**ALEX MOYA** The Quill™ device eliminates dead space better than anything else I have ever used. The deep closures are tight and secure. The movement of tissue edges is reduced. Coupled with the use of Harmonic™ Technology, I have successfully stopped using drains in medial thighplasties. In fact, the first time that I didn't use a drain, I had actually forgotten to place it in the wound prior to the completion of my deep closure. After that, I was not able to insert the drain due to the overall tightness of the closure.

**DENNIS HAMMOND** Allen, I have read your 2010 *Plastic and Reconstructive Surgery Journal* article. You use a quilting technique to help control abdominoplasty seromas.

**ALLEN ROSEN** I have not used drains in abdominoplasties in over 3 years; it has been unbelievable. Harlan Pollack was talking about quilting sutures for years, but the interrupted suture placement seemed too time-consuming and tedious. Now, with the Quill™ device, I can run a quilting layer down in 8 minutes. It used to take 1-2 minutes to insert and secure the drains. So net, it only adds 5-6 minutes to the case, and patients love eliminating the discomfort of the drain. I now use quilting sutures in everything I do to close the dead space and eliminate shear. I have used them in gynecomastia excision, latissimus flaps, and even in small lumpectomy defects. If there is a flap, quilting sutures are beneficial. You can take

cutaneous tissues, and suture them down in any fashion you want: parallel lines, zigzag lines, whatever. Now that we have the 0 Monoderm™ 36 cm X 36 cm, I will sometimes carry the Quill™ device out laterally in the abdominoplasty after I complete the progressive tension suture layer. I keep going until everything is plastered down. You can run a quick Quill™ quilting suture into any dead space and eliminate the use of drains.

**DENNIS HAMMOND** I echo that. It would be a mistake to miscalculate the effect that seromas can have on a patient's recovery in terms of office visits, aspirations, and phone calls. It is a real problem. I also use the Quill™ device in the latissimus donor site by suturing and quilting down the flaps in the back, but I am not confident enough to eliminate the drain.

**ALLEN ROSEN** I tell you, it works. I started with abdominoplasty. At first, I left one drain in, and then one day I just eliminated it. Andrades and colleagues, in *Plastic and Reconstructive Surgery* in 2007, had reported that there was no significant difference in seroma frequency when progressive tension sutures were used compared to drains alone, and there was no advantage to using both. It was proven using ultrasound. When the Quill™ device is used as the progressive tension suture, the dead space is compartmentalized to the point where you no longer have shear forces or any big seroma cavities.

*"I have not used drains in abdominoplasties in over 3 years....You can run a quick Quill™ quilting suture into any dead space and eliminate the use of drains."*

Have any of you had any experience using the polypropylene Quill™ device?

**DENNIS HURWITZ** In our thin abdominal patients and postpartum patients, it is hard – particularly when using figure 8 interrupted sutures – not to gather the tissue. The patient can feel each stitch underneath. If it is a permanent suture, that feeling will probably last forever. With the Quill™ device, I use a horizontal mattress stitch and double over, running over and over. I can easily smooth down the plication so that the Quill™ device is scarcely, if at all, palpable even in the thinnest patients. That is quite

an advance. Dennis, let me ask you. I have been trying the #2 Prolene suture for breast suspensions, working through the pectoralis fascia muscle into the breast. I have gotten some good results particularly in post-breast reduction patients. I wanted to give some central suspension or a very mild mastopexy with a nipple in the proper position, and lower bottom inferior pole access. But it has not held up as well as I would have liked. Have you worked with the Quill™ device in this type of patient?

**DENNIS HAMMOND** Yes, I have made use of its quilting properties. When you put your stitch in, you can assess the effect and then adjust with the next bite. You can shape tissues in an effective and straightforward way, without the need of a third hand. I would definitely support that use for this technology. It is useful to think of the Quill™ device not so much as a suture but as a technology. It is up to us to figure out where to best apply it.

*"It is useful to think of the Quill™ device not so much as a suture but as a technology."*

The Quill™ device is not the only barbed device available today. What are some of the advantages of using a bidirectional approach for your closures?

**DENNIS HURWITZ** It takes a little while to get used to suturing wounds from the center out using the Quill™ device. But, once you get the idea, there is a comfort level and efficiency to it. I have always conceived of the bidirectional Quill™ device as a tug of war with 2 ends pulling at the center, with each being mutually beneficial. At first, I was insecure with the running suture for major closures. Now, I have a comfort level with the bidirectional security, along with the J-return to further lock in the ends of the suture line.

**FRANKLYN ELLIOTT** I have not used the unidirectional material, and am not intellectually attracted to it. With the bidirectional approach, 2 surgeons can work together to close the wound more quickly. With the unidirectional approach, the suture is run over a longer distance with more chance of breaking or becoming ineffective.

**ALEX MOYA** In my experience, a bidirectional approach provides greater overall strength to the closure. I have run into problems using a unidirectional approach with some of my large trunk contouring procedures, particularly the deep closure of a large vertical abdominal wound such as in a fleur-de-lis abdominoplasty or corset trunkplasty. A unidirectional suture could not sustain the extreme tension and ruptured with repeated attempts. I have not encountered this problem with the Quill™ device as long as proper suturing technique under high tension is utilized.

**ALEX MOYA** I use the polypropylene Quill™ device for the majority of my abdominal wall fascial plications. I switched from PDO to polypropylene over a year ago, in order to maximize long-term upper abdominal contouring. I noticed that my larger abdominal girth patients would lose some of the plication effect after 1 or 2 months. Switching to a non-absorbable suture that retains all of its tensile strength is beneficial in this setting.

This technique relies on my assistant pushing the skin edges together (decreasing the tension) while I pull on the ends of the suture in a parallel direction to the wound and lock the barbs into the tissues. I continue this technique with each strand, after each loop has been thrown, until the deep closure is completed. With this approach, I have not had a dehiscence of a big vertical wound in over 3 years.

**ALLEN ROSEN** I like the bidirectional approach for all the reasons mentioned above. Most importantly, 2 people can work at once. I close with my PA and assistant. It is simply faster because both arms are being placed at the same time. Once, I used the unidirectional product for progressive tension sutures, but I needed 4 sutures instead of 2 Quill™ devices. The barbs were not as robust when placing the suture. It did not feel as secure.

**DENNIS HAMMOND** One advantage with the Quill™ device is that I do not have any exposed suture ends that need to be cut postoperatively. In the old days, I used to take a Monocryl™ suture and put a little loop in it as we were all taught. Now, I just pull the Quill™ device so that there is a bit of a pop back after I cut it. It goes under the skin and I am done. Since no sutures need to be removed, if there is no other reason to see the patient, I can wait till the 6-week visit before I see them again. A unidirectional product can be useful in the deep layers, but superficially, right underneath the dermis, the loop-the-loop can be hard to bury.

*"In my experience, a bidirectional approach provides greater overall strength to the closure."*



Experience the extraordinary

*“PDO is the right choice for any deep tissue....New doctors should use Monoderm™ exclusively close to the skin, in deep dermal or subcuticular areas, but never in high-tension closures.”*

*What are some of the challenges that you have encountered since first starting to use the Quill™ device? What are some of the solutions that you devised?*

**DENNIS HAMMOND** When we first began using PDO, we noticed a fairly high rate of spitting if we got too close to the skin. At that time, Monoderm™ was not available. Since we switched over to Monoderm™, we have not had a single stitch spit.

**FRANKLYN ELLIOTT** We have always used the Quill™ device very close to the skin in the deep dermal layer. This is true for the most superficial layer of the abdominal closure, as well as the transverse breast incision along the inframammary line, and inner thigh. We have had no spitting unless there was infection, but that would not be related to the suture type.

**ALLEN ROSEN** Monoderm™ is the right choice in the subcuticular areas. PDO is the right choice for any deep tissue that you want to hold together or for any kind of fascial layer, rectus fascia, platysmal, or SMAS. New doctors should use Monoderm™ exclusively close to the skin, in deep dermal or subcuticular areas, but never in high-tension closures. This is an important part of the learning curve.

*“Since we switched over to [the Monoderm™ device], we have not had a single stitch spit.”*

*Do you have any final tips that you would recommend for new users?*

**FRANKLYN ELLIOTT** The Quill™ device is truly a different technology. We are all creatures of habit and are used to conventional sutures. This panel consists of experienced surgeons who have sewn more suture lines than we care to imagine. So, we were motivated to learn to use this technology and it has been easy for us to adopt. Be patient with your first couple of cases. You will learn to absolutely require the Quill™ device. Don't condemn it at first because the needle becomes dull or the suture breaks. These are user-error issues and can be eliminated with a modest amount of experience. It's worth it.

*“Be patient with your first couple of cases.”*

**DENNIS HAMMOND** We have already warned new users to be careful about suture size selection, about placing the PDO too close to the surface, about oversuturing and about overtightening the closure. Suture selection is also very important. Use Quill™ PDO suture (or device) if your suture is under tension. You might think about switching to Monoderm™ suture (or device) because it has a lighter, softer feel to it. It does not hold under tension.

**DENNIS HURWITZ** No matter what new technology you have, you have got to use good surgical judgment. First, there is a limit to what the Quill™ device can hold. For very large patients and for heavily weighted tissues, you would do best to support that tissue with a few interrupted sutures of your choice. I have run into some trouble depending too much on the large grade Quill™ device for my heaviest patients. Also, there are tissues that may be put under extraordinary stress or you may be worried about swelling. Again, throw in an interrupted suture here and there. Sometimes you have to supplement the Quill™ device.

**ALEX MOYA** I agree. Why take a chance on having a dehiscence? Good outcomes with the Quill™ device are dependent on your suturing technique. I discovered that, with my larger patients (BMI > 35), I will throw in more loops during my SFS repair with #2 PDO while still not strangulating the tissues. With this approach, I obtain reliable and secure closures without the need for using any interrupted sutures.

**DENNIS HAMMOND** For a new user, a standard abdominoplasty is a great way to become accustomed to the bidirectional barbed suture concept. You approximate the SFS with PDO, and close the skin with the Monoderm™ device. Anybody with any degree of suturing experience is going to appreciate the advantages of this material.

**ALLEN ROSEN** Just remember that, at the ends of the closure, you need to reverse the direction and place several throws to anchor the terminal end.

**DENNIS HURWITZ** Finally, old habits die hard. New users need to clearly understand that they are never to tie a barbed suture. Tying of knots will damage the barbs and potentially reduce their effectiveness.

## CLOSING THOUGHTS

**DENNIS HAMMOND** *This panel of experts has over 15 years of combined experience using the Quill™ device. We continue to look for new ways to apply this novel technology. Our experience with the Quill™ device includes its use in:*

- › SMAS plication in the face, platysma plication in the neck
- › Breast surgery, for capsulorrhaphy, for shaping in mastopexy when putting in the spiral flap, for suturing the pedicle down, for the latissimus dorsi defect, for TRAM flap reconstruction and reconstruction incisions, and for periareolar closures in mastopexy and in augmentation or reduction mammoplasty
- › Abdominoplasty, upper and lower back, belt lipectomy, and corset trunkplasty
- › Brachioplasty and thighplasty
- › Rhinoplasty
- › Pressure sores

The Quill™ device has proven particularly useful in difficult spaces such as the transverse lower breast incision, in capsulorrhaphy, and in midline plication of the platysma of the neck. It is exciting to introduce this new technology to our fellow surgeons, and to share with them our experience with the Quill™ device – the advantages, the early challenges, and some of the lessons that we have learned along the way. A number of videos have also been produced that illustrate in a step-by-step manner how the Quill™ device can be used in the many of the procedures discussed here today. Ultimately, as more of us learn these techniques, it is our patients who will benefit from our work here today.

*For additional information on the Quill™ Knotless Tissue-Closure Device, visit Angiotech's educational resource for healthcare professionals at [www.angioedupro.com](http://www.angioedupro.com).*



Angiotech Pharmaceuticals, Inc.

The participants in this roundtable were paid an honorarium for their time recording and editing the discussion.

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Clinical Roundtable in Plastic Surgery (Brochure)

# Transforming

## the nature of tissue closure

Extend your reach in plastic surgery with more versatile manipulation of tissue\*

- With its unique barbed design, the Quill™ Knotless Tissue-closure device is the only device that completely eliminates the need to tie knots and the potential for knot-related complications
- Replaces knots with running closure, making soft tissue approximation faster and easier—which may significantly reduce closure times<sup>1,2</sup>
- Engineered to evenly distribute tension along the closure
- Barbs provide immediate tissue hold on placement, potentially eliminating the need for assisting “third hand”
- The Quill™ device outperformed same-size conventional suture material in both tensile strength and tissue-holding capacity, in in-vitro testing<sup>3</sup>

\*Vs traditional sutures.

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KNOTLESS TISSUE-CLOSURE DEVICE  
**QUILL**  
Experience the extraordinary

## A new world of possibilities in breast, abdominal, and massive weight loss procedures

- Use to reshape, remold, lift, quilt, close, and secure
  - Applications so far include brow lifts, superficial musculo aponeurotic system (SMAS) plication and lateral SMASectomy, minimal access cranial suspension (MACS) lift, open neck platysmaplasty, mastopexy and reduction mammoplasty, and abdominoplasty
- Can be used to lift and reposition breast tissue, potentially improving breast mound shaping
- Facilitates redistribution of tissue—in massive weight loss (MWL) patients, for example



Periareolar closure using the Quill™ device.  
Dr. Allen D. Rosen. Montclair, NJ.

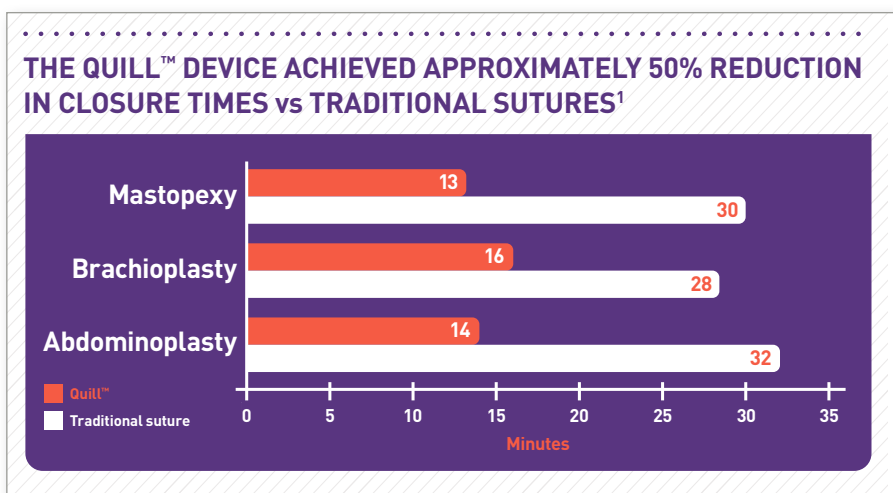


Quilting technique in abdominoplasty using the Quill™ device. Dr. Allen D. Rosen. Montclair, NJ.

## May offer significant advantages in healing and cosmesis

- Continuous barbs reduce wound edge shearing, potentially improving scar formation and cosmesis
- May eliminate the need for drains in abdominoplasties using progressive tension technique<sup>4</sup>
- May allow for superior scar formation, shape, and contour after mastopexy vs standard techniques<sup>1</sup>
- Avoids purse string tissue-gathering effect often seen in MACS lifts and areolar closures<sup>5</sup>

## May significantly speed closure times



*Mean time to closure. Each procedure required closure of 3 layers: the superficial fascia/deep tissue, deep dermis, and superficial dermis. Closures were performed by a junior plastic surgery resident, a senior plastic surgery resident, and a senior plastic surgery professor, each serving as his own control.*

- Reductions in closure time with the Quill™ device were similar regardless of the surgeon's degree of experience

Learn more about how the Quill™ device is transforming the nature of tissue closure at [www.angiotedupro.com](http://www.angiotedupro.com).

**References:** 1. Paul MD, Budd M. Evaluating the Quill™ self-retaining system. <http://www.PlasticSurgeryPractice.com>. Accessed September 21, 2010. 2. Data on file. Vancouver, BC, Canada: Angiotech Pharmaceuticals, Inc; 2008. 3. Leung JC, Ruff GL, Batchelor SD. Performance enhancement of a knotless suture via barb geometry modifications. *7th World Biomaterials Congress 2004 Proceedings*. p. 1587. 4. Rosen AD. Use of absorbable running barbed suture and progressive tension technique in abdominoplasty: a novel approach. *Plast Reconstr Surg*. 2010;125(3):1024-1027. 5. Paul MD. Bidirectional barbed sutures for wound closure: evolution and applications. *J Am Coll Certified Wound Specialists*. 2009;1(2):51-57.

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Plastic Sell Sheet



# Experience the extraordinary

New Variable Loop Device offers one more  
suturing tool for Plastic Surgeons



## Introducing the Quill™ Variable Loop Device

### Trusted Quill™ Device Technology for a Range of Plastic Surgery Procedures

- The new Quill™ Variable Loop Device is a completely knotless unidirectional suture
- Innovative unidirectional barbed design more evenly distributes tension along the approximation with a single point of fixation
- Innovative adjustable loop design is ideal for easy needle placement

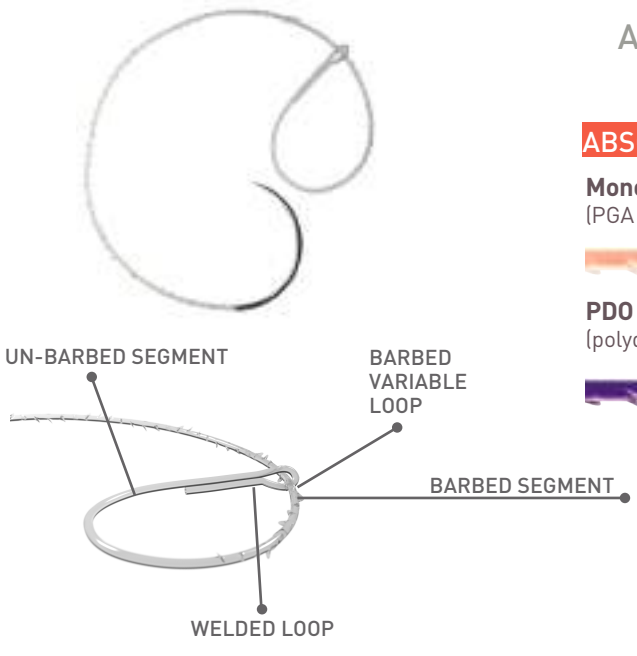
### With its unique barbed design, the new Quill™ Variable Loop Device

- Completely eliminates the need to tie knots and the potential for knot related complications
- Ensures ease of anchoring and helps minimize risk of loop failure
- Allows surgeons more flexibility in where to begin closure



### As with the existing Quill™ Device, the Quill™ Variable Loop Device

- Replaces knots with running closure makes soft tissue approximation faster and easier— which may significantly reduce closure times<sup>1</sup>
- Provides immediate tissue hold upon placement, potentially eliminating the need for “third hand”

## Product Overview



### Available Quill™ Variable Loop Device Materials

	BSR Profile	Mass Absorbition
<b>ABSORBABLE</b>		
<b>Monoderm™</b> (PGA - PCL) 	In vivo retention: 62% at 7 days 27% at 14 days	Essentially complete between 90 and 120 days
<b>PDO</b> (polydioxanone) 	In vivo strength retention: Quill™ device size: Size 3-0: 80% at 2 wks, 80% at 4 wks, 40% at 6 wks Size 4-0: 67% at 2 wks, 50% at 4 wks, 37% at 6 wks	Minimal until approx. 120 days. Essentially complete by 180 days

## Proven Efficacy When Compared to Traditional Suture

- The Quill™ device outperformed same-size conventional suture material in both tensile strength and tissue-holding capacity, in in-vitro testing<sup>2</sup>
- When compared with traditional Monocryl™ suture in an in-vitro study performed robotically, the Quill™ device was rated equally as secure– and maintained its hold even when every fourth stitch was cut, a test that caused complete disruption of the traditional suture<sup>3</sup>
- In a study assessing three-layer closures, the Quill device achieved approximately 50% reduction in closure times when compared to traditional suture<sup>1</sup>

### Widest and most versatile barbed suture portfolio available

- Sole manufacturer of both bi-directional and variable loop barbed sutures
- More than 100 SKUs available in Monoderm™, PDO, Nylon and Polypropylene materials



**SCAN HERE** to see the Quill™ Device in Action

For more information, visit [www.quilldevice.com](http://www.quilldevice.com)!

**References:** 1. Paul MD, Budd M. Evaluating the Quill™ self-retaining system. <http://www.PlasticSurgeryPractice.com>. Accessed September 21, 2010.

2. Data on file. Vancouver, BC, Canada: Angiotech Pharmaceuticals, Inc; 2008 3. Leung JC, Ruff GL, Batchelor SD. Performance enhancement of a knotless suture via barb geometry modifications. 7th World Biomaterials Congress 2004 Proceedings. p. 1587

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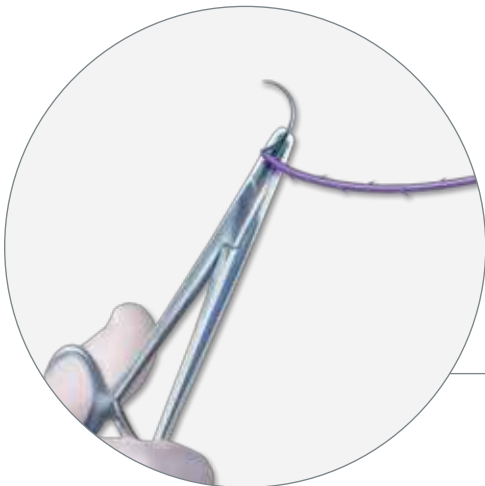
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EXPERIENCE THE EXTRAORDINARY

# TRUSTED SPEED AND SECURITY



## **Quill™ Knotless Tissue-Closure Device** **Product Catalog**

- The Original Barbed Suture, Launched In 2007
- Used In More Than 20 Million Surgical Cases
- Studied In More Than 80 Clinical Papers

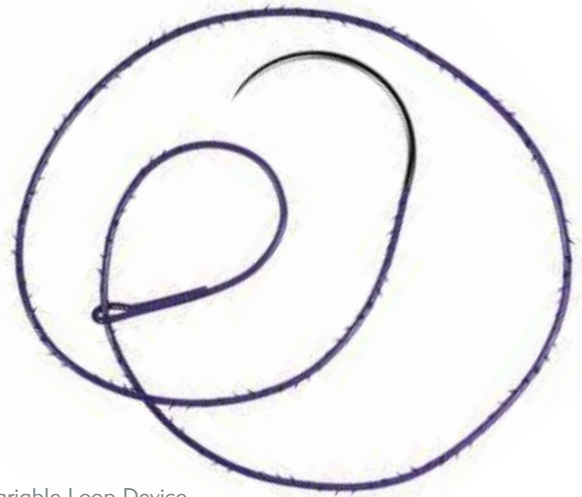
**SURGICAL  
SPECIALTIES**  
CORPORATION™

# Offering A Comprehensive & Versatile Knotless Tissue-Closure Device Portfolio

- Surgical Specialties Corporation manufactures both bidirectional and unidirectional knotless tissue-closure devices
- Complete range of absorbable and nonabsorbable materials and configurations including Monoderm™, PDO and Polypropylene
- More than 162 SKUs available in sizes 5-0 to 2






Quill™ Knotless Tissue-Closure Device  
Bidirectional Design



Quill™ Variable Loop Device  
Unidirectional Design

## Materials Guide

Material	Material Description	BSR Profile	Mass Absorption								
Absorbable											
<div>Monoderm™ (PGA - PCL)</div> <div></div>	<div>Monofilament</div> <div><ul style="list-style-type: none"><li>• Undyed (clear)</li><li>• Dyed (violet)</li></ul></div>	<div>In vivo strength retention:</div> <div>42% to 76% at 7 days</div> <div>36% to 52% at 14 days</div>	<div>Essentially complete between 90 and 120 days</div>								
<div>PDO (polydioxanone)</div> <div></div>	<div>Monofilament</div> <div><ul style="list-style-type: none"><li>• Dyed (violet)</li></ul></div>	<div>In vivo strength retention:</div> <div>Quill™ device size:</div> <div><table><tr><td>Gauge 3-0 &amp; larger</td><td>Gauge 4-0</td></tr><tr><td>80% at 2 weeks</td><td>67% at 2 weeks</td></tr><tr><td>60% at 4 weeks</td><td>50% at 4 weeks</td></tr><tr><td>40% at 6 weeks</td><td>37% at 6 weeks</td></tr></table></div>	Gauge 3-0 & larger	Gauge 4-0	80% at 2 weeks	67% at 2 weeks	60% at 4 weeks	50% at 4 weeks	40% at 6 weeks	37% at 6 weeks	<div>Minimal until approximately 120 days</div> <div>Essentially complete by 180 days</div>
Gauge 3-0 & larger	Gauge 4-0										
80% at 2 weeks	67% at 2 weeks										
60% at 4 weeks	50% at 4 weeks										
40% at 6 weeks	37% at 6 weeks										
<div>Polypropylene</div> <div></div>	<div>Monofilament</div> <div><ul style="list-style-type: none"><li>• Undyed (clear)</li></ul></div>		<div>Polypropylene is not absorbed, nor is any significant change in tensile strength retention known to occur in vivo</div>								







See Instructions For Use supplied with the Quill™ device (also available on-line at [QuillDevice.com](http://QuillDevice.com)) for indications, contraindications, warnings, and potential complications.

## Monoderm™ (PGA-PCL) Bidirectional Configurations






**ABSORBABLE**

### Monoderm™ – Reverse Cutting ▽

Needle	Color	Barb Configuration	Size*				
			5-0	4-0	3-0	2-0	0
 11 mm 3/8 circle	Undyed	14 cm x 14 cm	YA-2002Q	YA-2004Q			
 12 mm 3/8 circle	Undyed	14 cm x 14 cm			YA-1020Q		
 13 mm 3/8 circle	Undyed	14 cm x 14 cm	YA-2003Q	YA-2005Q			
 18 mm 3/8 circle	Undyed	3.5 cm x 3.5 cm			YA-1019Q	YA-1018Q	
		7 cm x 7 cm			YA-1001Q-0	YA-1000Q	
		14 cm x 14 cm			YA-1016Q-0	YA-1012Q	YA-1004Q
		30 cm x 30 cm			YA-1021Q-0	YA-1022Q-0	
 26 mm 3/8 circle	Undyed	7 cm x 7 cm				YA-1011Q	YA-1010Q
		14 cm x 14 cm				YA-1015Q-0	
		30 cm x 30 cm			YA-1023Q-0	YA-1024Q-0	
 26 mm 1/2 circle	Undyed	14 cm x 14 cm					YA-1014Q

### Monoderm™ – Precision Reverse Cutting ▽

 19 mm 3/8 circle	Undyed	14 cm x 14 cm			YA-2016Q		
		30 cm x 30 cm			YA-2021Q	YA-2022Q	
		40 cm x 40 cm			YA-2031Q	YA-2032Q	
 24 mm 3/8 circle	Undyed	30 cm x 30 cm			YA-2023Q	YA-2024Q	
		40 cm x 40 cm			YA-2033Q	YA-2034Q	
 36 mm 1/2 circle	Undyed	36 cm x 36 cm					YA-2036Q
		45 cm x 45 cm					YA-2035Q




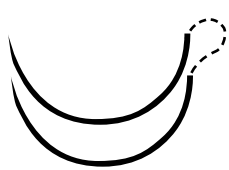
\* As with traditional sutures, the Quill™ device suture size is determined by its OUTER diameter. It is therefore recommended that when using the Quill™ device, you upsize by one USP compared with traditional suture. For example if previously using a 3-0 traditional suture, we recommend using a 2-0 Quill™ device.

## Monoderm™ (PGA-PCL) Bidirectional Configurations

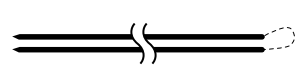


**ABSORBABLE**

### Monoderm™ – Taper Point

Needle	Color	Barb Configuration	Size*				
			3-0	2-0	0	1	2
 17 mm 1/2 circle	Undyed	16 cm x 16 cm		VP-1000Q			
	Violet	16 cm x 16 cm		VP-2000Q			
 18 mm 1/2 circle	Undyed	16 cm x 16 cm	RS-1001Q	RS-1000Q			
 26 mm 1/2 circle	Undyed	16 cm x 16 cm		RS-1005Q			
 36 mm 1/2 circle	Undyed	14 cm x 14 cm			YA-1003Q		
		36 cm x 36 cm			YA-1029Q		

### Monoderm™ – Straight Cutting






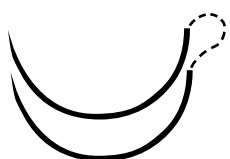

 70 mm straight	Undyed	30 cm x 30 cm		YA-1050Q	YA-1051Q		
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\* As with traditional sutures, the Quill™ device suture size is determined by its OUTER diameter. It is therefore recommended that when using the Quill™ device, you upsize by one USP compared with traditional suture. For example if previously using a 3-0 traditional suture, we recommend using a 2-0 Quill™ device.

## PDO (Polydioxanone) Bidirectional Configurations

**ABSORBABLE**

### PDO – Reverse Cutting ▼

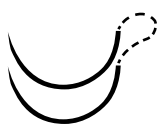

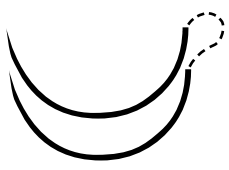
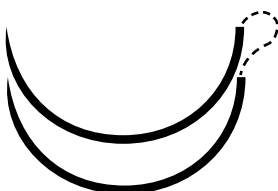

Needle	Color	Barb Configuration	Size*					
			4-0	3-0	2-0	0	1	2
 12 mm 3/8 circle	Violet	7 cm x 7 cm		RA-1017Q				
 18 mm 3/8 circle	Violet	3.5 cm x 3.5 cm		RA-1008Q	RA-1002Q			
		7 cm x 7 cm	RA-1012Q-0	RA-1010Q	RA-1007Q			
		14 cm x 14 cm		RA-1050Q-0	RA-1046Q			
		24 cm x 24 cm		RA-1051Q-0	RA-1036Q-0			
 26 mm 3/8 circle	Violet	7 cm x 7 cm			RA-1016Q	RA-1015Q		
		14 cm x 14 cm		RA-1021Q	RA-1020Q-0	RA-1019Q-0		
		24 cm x 24 cm		RA-1052Q-0	RA-1028Q-0	RA-1030Q-0		
 18 mm 1/2 circle	Violet	14 cm x 14 cm				RA-1001Q		
 26 mm 1/2 circle	Violet	14 cm x 14 cm					RA-1004Q	RA-1006Q
		24 cm x 24 cm		RA-1056Q-0			RA-1032Q	RA-1034Q
 36 mm 1/2 circle	Violet	36 cm x 36 cm				RX-2069Q		
		45 cm x 45 cm				RX-2068Q		
 40 mm 1/2 circle	Violet	36 cm x 36 cm						RX-1066Q
		45 cm x 45 cm						RX-2066Q

\* As with traditional sutures, the Quill™ device suture size is determined by its OUTER diameter. It is therefore recommended that when using the Quill™ device, you upsize by one USP compared with traditional suture. For example if previously using a 3-0 traditional suture, we recommend using a 2-0 Quill™ device.

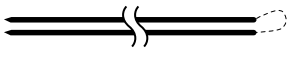
## PDO (Polydioxanone) Bidirectional Configurations

**ABSORBABLE**

### PDO – Taper Point

Needle	Color	Barb Configuration	Size*					
			4-0	3-0	2-0	0	1	2
 22 mm 1/2 circle	Violet	14 cm x 14 cm			RA-1086Q		RA-1088Q	
 26 mm 1/2 circle	Violet	10 cm x 10 cm			RA-1077Q	RA-1078Q		
		14 cm x 14 cm				RA-1079Q		
		40 cm x 40 cm			RA-1057Q			
 36 mm 1/2 circle	Violet	7 cm x 7 cm				RX-1068Q**		
		14 cm x 14 cm				RA-1000Q RX-1069Q**	RA-1003Q	RA-1005Q
		24 cm x 24 cm				RA-1029Q RX-1029Q**	RA-1031Q RX-1031Q**	RA-1033Q RX-1033Q**
		30 cm x 30 cm					RA-1059Q RX-1059Q**	RA-1058Q RX-1058Q**
		36 cm x 36 cm				RA-1067Q**		RX-1062Q**
		45 cm x 45 cm				RA-2067Q**		
 48 mm 1/2 circle	Violet	30 cm x 30 cm				RA-1060Q		
		36 cm x 36 cm						RA-1065Q
		45 cm x 45 cm						RA-2065Q
 33 mm straight	Violet	10 cm x 10 cm				RA-1085Q		

### PDO – Taper Cutting

Needle	Color	Barb Configuration	Size*					
			4-0	3-0	2-0	0	1	2
 50 mm straight	Violet	7 cm x 7 cm			RA-1013Q	RA-1023Q	RA-1024Q	

\* As with traditional sutures, the Quill™ device suture size is determined by its OUTER diameter. It is therefore recommended that when using the Quill™ device, you upsize by one USP compared with traditional suture. For example if previously using a 3-0 traditional suture, we recommend using a 2-0 Quill™ device.

\*\* Reinforced Needle

## Polypropylene Bidirectional Configurations



**NON-ABSORBABLE**

### Polypropylene – Reverse Cutting ▽

Needle	Color	Barb Configuration	Size*			
			2-0	0	1	2
 18 mm 3/8 circle	Undyed	7 cm x 7 cm	JA-1006Q			
 26 mm 1/2 circle	Undyed	14 cm x 14 cm			JA-1005Q	JA-1001Q

### Polypropylene – Taper Point ◎



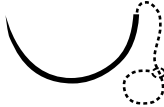


Needle	Color	Barb Configuration	Size*			
			2-0	0	1	2
 22 mm 1/2 circle	Undyed	14 cm x 14 cm			JA-1050Q	
 36 mm 1/2 circle	Undyed	24 cm x 24 cm				JA-1007Q
		45 cm x 45 cm				JA-2007Q

\* As with traditional sutures, the Quill™ device suture size is determined by its OUTER diameter. It is therefore recommended that when using the Quill™ device, you upsize by one USP compared with traditional suture. For example if previously using a 3-0 traditional suture, we recommend using a 2-0 Quill™ device.

## Monoderm™ (PGA-PCL) Variable Loop Configurations

**ABSORBABLE**

### Monoderm™ Variable Loop – Taper Point

Needle	Color	Barb Configuration	Size*				
			4-0	3-0	2-0	0	1
 <b>17 mm 1/2 circle</b>	Undyed	15 cm			VLM-2014		
		20 cm			VLM-1005		
	Violet	15 cm			VLM-2015		
		30 cm			VLM-1021		
		20 cm			VLM-2005		
 <b>18 mm 1/2 circle</b>	Violet	20 cm		VLM-1008			
		30 cm		VLM-1009			
 <b>26 mm 1/2 circle</b>	Violet	15 cm			VLM-2017	VLM-2013	
		20 cm			VLM-2006	VLM-1222	
	Undyed	20 cm			VLM-1006		
		30 cm				VLM-1013	
		45 cm				VLM-1020	
 <b>36 mm 1/2 circle</b>	Violet	20 cm				VLM-1025***	
		30 cm				VLM-1015	
	Undyed	20 cm				VLM-1024***	
		30 cm				VLM-1014	
		60 cm				VLM-1003	
 <b>40 mm 1/2 circle</b>	Violet	70 cm				VLM-1017	


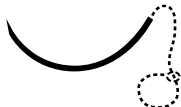

\* As with traditional sutures, the Quill™ device suture size is determined by its OUTER diameter. It is therefore recommended that when using the Quill™ device, you upsize by one USP compared with traditional suture. For example if previously using a 3-0 traditional suture, we recommend using a 2-0 Quill™ device.

\*\*\* Reinforced Flat Edge Needle



## Monoderm™ (PGA-PCL) Variable Loop Configurations

**ABSORBABLE**

### Monoderm™ Variable Loop – Reverse Cutting

Needle	Color	Barb Configuration	Size*			
			4-0	3-0	2-0	0
 19 mm 3/8 circle	Undyed	20 cm	VLM-2007	VLM-1010	VLM-1004	
		30 cm	VLM-2008	VLM-2003	VLM-2001	
		45 cm		VLM-2018	VLM-2016	
		60 cm		VLM-2004	VLM-2002	
 24 mm 3/8 circle	Undyed	20 cm		VLM-1011		
		30 cm		VLM-1012	VLM-1002	
		45 cm			VLM-2012	
		60 cm			VLM-1001	
 26 mm 3/8 circle	Violet	20 cm				VLM-1023
	Undyed	20 cm				VLM-1022

### Monoderm™ Variable Loop – Fine Reverse Cutting



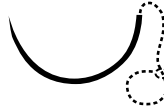



Needle	Color	Barb Configuration	Size*			
			4-0	3-0	2-0	0
 13 mm 3/8 circle	Undyed	20 cm	VLM-3001	VLM-3002		
		30 cm		VLM-3003		
 19 mm 3/8 circle	Undyed	20 cm		VLM-3007	VLM-3009	
		30 cm		VLM-3008	VLM-3010	

\* As with traditional sutures, the Quill™ device suture size is determined by its OUTER diameter. It is therefore recommended that when using the Quill™ device, you upsize by one USP compared with traditional suture. For example if previously using a 3-0 traditional suture, we recommend using a 2-0 Quill™ device.

## PDO (Polydioxanone) Variable Loop Configurations



### Taper Point –Variable Loop PDO


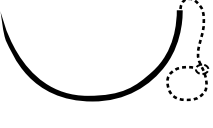
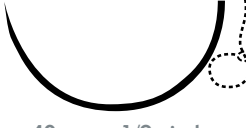
Needle	Color	Barb Configuration	Size*				
			3-0	2-0	0	1	2
 17 mm 1/2 circle	Violet	15cm		VLP-2022			
		20 cm		VLP-2020			
 22 mm 1/2 circle	Violet	20 cm			VLP-1008		
		30 cm		VLP-2002	VLP-1003		
 26 mm 1/2 circle	Violet	15cm		VLP-2021			
		20 cm		VLP-2006	VLP-2008		
		30 cm			VLP-2009		
 36 mm 1/2 circle	Violet	20 cm			VLP-1001		VLP-2016
		30 cm			VLP-1002	VLP-2015	
		45 cm			VLP-1004	VLP-2014	
		70 cm			VLP-2012		
 40 mm 1/2 circle	Violet	70 cm				VLP-2013	
 48 mm 1/2 circle	Violet	70 cm					VLP-2010

\* As with traditional sutures, the Quill™ device suture size is determined by its OUTER diameter. It is therefore recommended that when using the Quill™ device, you upsize by one USP compared with traditional suture. For example if previously using a 3-0 traditional suture, we recommend using a 2-0 Quill™ device.


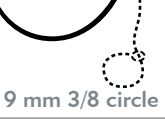

## PDO (Polydioxanone) Variable Loop Configurations



### PDO Variable Loop – Reverse Cutting ▼

Needle	Color	Barb Configuration	Size*				
			3-0	2-0	0	1	2
 19 mm 3/8 circle	Violet	45 cm		VLP-2001			
 36 mm 1/2 circle	Violet	20 cm			VLP-1005		
		30 cm			VLP-1006		
 40 mm 1/2 circle	Violet	70 cm					VLP-2011

### PDO Variable Loop – Fine Reverse Cutting ▼

Needle	Color	Barb Configuration	Size*				
			3-0	2-0	0	1	2
 13 mm 3/8 circle	Violet	20 cm	VLP-3021				
		30 cm	VLP-3022				
 19 mm 3/8 circle	Violet	20 cm	VLP-3026	VLP-3027			
		30 cm		VLP-3028			
 24 mm 3/8 circle	Violet	30 cm		VLP-3029			



\* As with traditional sutures, the Quill™ device suture size is determined by its OUTER diameter. It is therefore recommended that when using the Quill™ device, you upsize by one USP compared with traditional suture. For example if previously using a 3-0 traditional suture, we recommend using a 2-0 Quill™ device.

## Polypropylene Variable Loop Configurations



**NON-ABSORBABLE**

### Polypropylene Variable Loop – Taper Point

Needle	Color	Barb Configuration	Size*				
			3-0	2-0	0	1	2
 22 mm 1/2 circle	Undyed	30 cm			VLO-1001		
 36 mm 1/2 circle	Undyed	45 cm					VLO-1003

\* As with traditional sutures, the Quill™ device suture size is determined by its OUTER diameter. It is therefore recommended that when using the Quill™ device, you upsize by one USP compared with traditional suture. For example if previously using a 3-0 traditional suture, we recommend using a 2-0 Quill™ device.

For More Information, Visit [QuillDevice.com](http://QuillDevice.com)

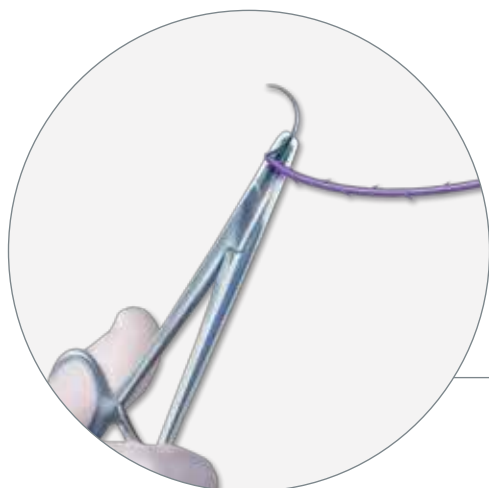
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CORPORATION™



EXPERIENCE THE EXTRAORDINARY

# TRUSTED SPEED AND SECURITY



## **Quill™ Knotless Tissue-Closure Device**

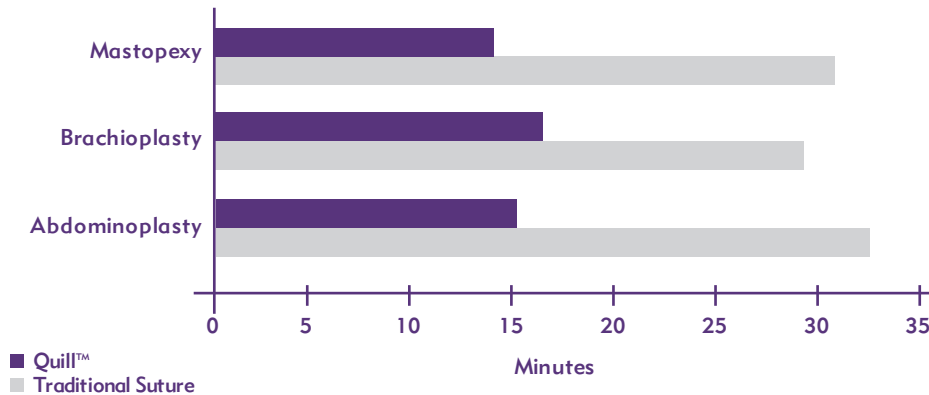
- The original barbed suture introduced in 2007
- Over 80 clinical publications
- Used in more than 20 million procedures

SURGICAL  
SPECIALTIES  
CORPORATION™

## With Its Innovative Barbed Design, the Quill™ Device:

- Saves time by replacing tedious knot-tying with running style closure
- Reduces the potential for knot-related complications
- Evenly distributes tension along the tissues which may result in improved cosmesis

### Closure Time Savings With Quill™ Device<sup>1</sup>



Approx.  
**50%**  
faster  
closure

*OR time is at a premium now. Our hospitals run around \$100 per minute, so any efficiency you can gain is important."*

– Brad Bengtson, MD. Bengtson Center for Aesthetics and Plastic Surgery.



## FACE & NECK: Revealing Results

### FACELIFT, NECK DEFINING, BROWLIFT

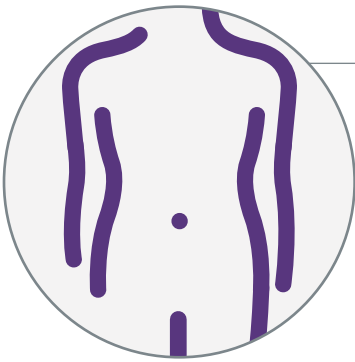
- Allows precise and stable repositioning of ptotic facial fat and suspensory structures to rejuvenate the skin and deeper tissues<sup>2</sup>
- Enhances lateral brow procedures producing less conspicuous scars, faster recovery, and more natural appearance
- Enables secure plication of SMAS and platysmal contouring by affording "anywhere" suture placement that may enhance results<sup>2</sup>



## BREAST: Desired Effect

MASTOPEXY, AUGMENTATION, CAPSULORRHAPHY, RECONSTRUCTION

- May allow for improved scar formation by avoidance of knots in sensitive tissues of the breast
- Can be used to effectively lift and reposition breast tissue potentially improving breast mound shaping
- May create a more stable wound environment with less reactive scarring due to barbs preventing micromotion<sup>2</sup>
- Helps avoid purse string tissue gathering effect often seen with conventional sutures and may help control areolar diameter



## BODY: Shaping Success

ABDOMINOPLASTY, BODYLIFT, BRACHIOPLASTY, THIGHPLASTY

- Can be of great assistance in closing down dead space and minimizing potential for seromas<sup>2</sup>
- May reduce time and eliminate drains if placed in progressive tension fashion during Abdominoplasty<sup>3</sup>
- Facilitates redistribution of complex resultant tissue following massive weight loss (MWL) procedures<sup>2</sup>
- Demonstrated safety in patients who underwent rectus diastasis repair during Abdominoplasty<sup>4</sup>
- May lead to less conspicuous scars by minimizing wound edge motion in areas of variable tension and mobility seen in Brachioplasty and Thighplasty<sup>2</sup>

*"The Quill™ device simply secures soft tissues much better than any other suture material I have used. It has changed my practice..."*

– Dennis Hammond, MD. Partners in Plastic Surgery of West Michigan.

# Transforming the nature of tissue closure

Extend your reach in urologic tissue closure with greater speed and security

- With its unique bidirectional barbed design, the Quill™ Knotless Tissue-Closure Device is the only one that completely eliminates the need to tie knots and the potential for knot-related complications in soft tissue closure
- May make soft tissue approximation faster and easier by replacing knots with running closure
- Engineered to evenly distribute tension along the closure
- Outperformed same-size conventional suture material in both tensile strength and tissue-holding capacity in in-vitro testing<sup>1</sup>
- The unique bidirectional barbed design may provide an easy transition from the classic bi-armed Van Velthoven technique for securing the urethrovesical anastomosis<sup>2</sup>

## Especially well suited to robotic urologic procedures

- No need to tie knots, which can be time-consuming in the robotic space
- The Quill™ device avoids the problem of “broken knots” that can occur due to the lack of haptic feedback
- Maintains third-arm tension<sup>3</sup>—potentially expanding your field of vision



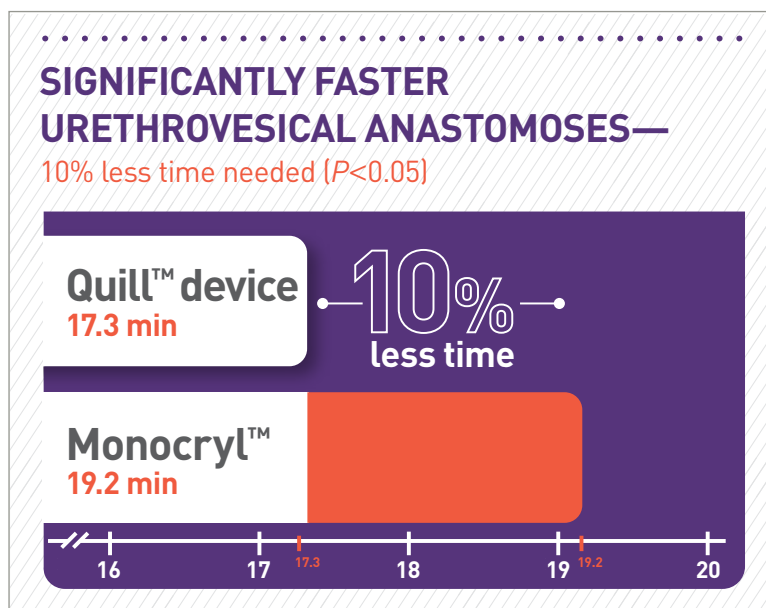
Still image from robotic radical prostatectomy urethrovesical anastomosis using the Quill™ device. Dr. Naveen Kella, Director, Robotic Surgery, [www.TexasRoboticSurgery.com](http://www.TexasRoboticSurgery.com).

## Demonstrated advantages in forming urethrovesical anastomosis in RARP procedures<sup>2</sup>

- The continuous tension of the Quill™ device reduces the risk of bladder “recoil” when preparing for urethrovesical anastomosis
- Designed to achieve more “watertight” seals—with fewer gaps and more consistent tension and hold around the closure
- The Quill™ device may also be useful in bladder/posterior repair during RARP (robot-assisted radical prostatectomy) and in robot-assisted radical cystectomy

In an in vitro study performed with the da Vinci Surgical System™ comparing standard Monocryl™ sutures with the Quill™ device<sup>2</sup>:

- The Quill™ device was rated equally secure—and maintained its hold even when every fourth suture was cut, a test that caused the complete disruption of the standard suture
- The Quill™ device was significantly faster—enabling the surgeon to spend approximately 10% less time performing urethrovesical anastomoses compared with the Monocryl™ suture ( $P<0.05$ )



Learn more about how the Quill™ device is transforming the nature of tissue closure at [www.angiotedupro.com](http://www.angiotedupro.com).

**References:** 1. Leung JC, Ruff GL, Batchelor SD. Performance enhancement of a knotless suture via barb geometry modifications. *7th World Biomaterials Congress 2004 Proceedings*. p. 1587. 2. Moran ME, Marsh C, Perrotti M. Bidirectional-barbed sutured knotless running anastomosis v classic van Velthoven in a model system. *J Endourol*. 2007;21:1175-1177. 3. Greenberg JA, Einarsson JI. The use of bidirectional barbed suture in laparoscopic myomectomy and total laparoscopic hysterectomy. *J Minim Invasive Gynecol*. 2008;15:621-623.

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da Vinci Surgical System™ and Monocryl™ are trademarks of their respective holders.

Quill™ 0016 01/11





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Healthcare Medical Carts



*emergency carts  
anesthesia carts  
isolation carts  
treatment/procedure carts  
bedside/slim carts*

MEDICAL STORAGE IS ALL WE DO

Our sole focus is on manufacturing the best possible aluminum and steel procedure carts for the medical industry. Without the distraction of other unrelated product lines we have been able to accomplish this goal for well over 40 years.

Waterloo Healthcare’s singular purpose is to address the ever-changing requirements of our long-time customers in healthcare. As requirements for security and the need for rapid access to critical supplies change we are poised and ready to create a purpose built cart for you.

Our in-house staff of engineers pride themselves on their ability to create custom designs for our customers. If we don’t have a cart or accessory that serves your unique needs, chances are we can design something for you.

Waterloo offers a bumper to bumper FIVE YEAR warranty that stands out in the industry. More than likely your facility already has Waterloo carts that have been serving you for years. We know of Waterloo carts manufactured in the 1970’s that are still in service today...a testament to the quality we build into each and every cart we manufacture!

Let’s face it, carts aren’t rocket science, but getting the right configuration that will facilitate your staff’s needs can seem like it. That’s why our customer support team, national distributors and field sales reps are available to meet with you to help you match the right Waterloo cart for the job.

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Select ANY combination of drawer sizes and colors at no extra charge. Other cart companies charge for this privilege.

FREE PLASTIC TOP

Other companies charge extra for plastic tops but with Waterloo carts, plastic tops are always FREE!

CARTS ARRIVE FULLY ASSEMBLED

Lift the top off the box and your carts are ready to roll into service! Drawer fronts, drawer handles and casters are all factory installed. The only assembly required are the two push handles, since you may have a preference on which side you’d like them. We even include the tool to mount them. Please note: optional accessories may require field installation.

TURNKEY DELIVERY AVAILABLE

For a very small “per cart” fee we can fully assemble ALL required accessories and deliver your carts palletted, shrinkwrapped and on dedicated trucks so they can be immediately rolled into service! For large cart projects (Crash carts, Anesthesia carts, Bedside carts, etc...) this represents a huge labor cost savings to your facility and allows for immediate cart deployment! Call for details.

WATERLOO IS THE MANUFACTURER

Other cart companies may appear to manufacture their own carts when in reality they have them manufactured for them. At Waterloo we ARE the manufacturer which allows us a greater level of control and flexibility on your cart orders. Want something that you don’t see in our catalog? Give us a call– we love custom work!

LOCAL SALES REPRESENTATIVES

Local reps are available to bring in a cart for your evaluation, just give us a call!

FIELD SERVICE TECHNICIANS

Should you need field service to upgrade your Waterloo carts to a new locking system, or a new drawer configuration we have field service techs that can be dispatched to your facility. There is a charge for this service, but it can be far less expensive to field upgrade your Waterloo carts than to purchase all new ones. As a manufacturer we offer resources that other cart companies cannot.



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WHICH CART IS RIGHT FOR YOU

ADVANTAGES OF ALUMINUM

Our ELITE aluminum carts fly from procedure to procedure almost as if they had wings! That’s because they’re made of the same high grade aluminum as commercial airliners. Not only are they easy to get rolling, but more importantly, they are easy to stop.

Once there, the Waterloo ELITE aluminum cart offers you twice the work surface as a comparable steel cart AND built in organization with our U-Divide divider system in each and every drawer!

The ELITE aluminum cart was purpose built for maximum speed and efficiency when your work demands it.



UTRLA-33669-RED

ADVANTAGES OF STEEL

Our Steel carts offer many of the same great features as our aluminum carts but at a more economical price point.

Our steel carts include one slide out side shelf as standard equipment, with drawer dividers available as optional accessories. (See our cart accessories pages)

Our steel cart has been a Healthcare industry standard for close to five decades!



UTGKU-333369-RED

MORE FEATURES : MORE SIZES

STANDARD FEATURES ON ALL WATERLOO CARTS



**BALL BEARING DRAWER SLIDES**  
High-Quality “auto closing” drawer glides with 48 ball bearings per slide provide easy drawer access.



**BALL BEARING CASTERS**  
Our casters have precision sealed bearings for easy “maintenance free” rolling and thread guards to reduce hair, sutures and other material being collected around the axle.



**DURABLE POWDER-COATED SURFACES**  
Durable powder painted surfaces look great while protecting your cart. Cart exteriors available in Red, Electric Blue, and Light Gray. Drawer fronts available in 16 different colors!



**STABILIZING BASE**  
Our “one piece” nylon reinforced polycarbonate stabilizer base provides a wider more stable platform that resists scuffs/scrapes while protecting your cart.



**ERGONOMIC PUSH HANDLES**  
Our “one-piece” handles fit naturally in the palm of your hand and provide better control than traditional horizontal push handles.



**FULLY ASSEMBLED**  
Drawer fronts and drawer handles installed at our factory mean your cart arrives ready to roll out of the box! Only thing you need to attach are the two push handles...and we even include the wrench!



**INCLUDED REMOVABLE TOP**  
Waterloo carts come standard with a removable/replaceable plastic top.



**NO EXTRA CHARGE FOR CUSTOM DRAWER CONFIGURATIONS**  
Want two 3” drawers instead of a single 6” drawer? No Problem and more importantly...NO EXTRA CHARGE! Create your own custom drawer configuration with all Waterloo carts. Your choice of 3”, 6”, 9” and 12” drawers.



**TRANSPORT LOCK KEEPS CART CONTENTS SECURE**  
While external gatelocks are available, our internal dual lock bars lock each drawer at two points to keep drawers closed even during rapid transport.

AVAILABLE CART SIZES



**STANDARD WIDTH ALUMINUM AND STEEL CARTS**  
29" Width x 24.5" Depth (includes stabilizer base)  
Drawer interior dimensions 22" Wide x 16.5" Deep



**JUNIOR WIDTH ALUMINUM AND STEEL CARTS**  
23" Width x 24.5" Depth (includes stabilizer base)  
Drawer interior dimensions 16.5" Wide x 16.5" Deep

# GETTING THE RIGHT ACCESS METHOD

Waterloo has you covered when it comes to security. Whether you need controlled cart access or simple tamper evident locks, we have a locking configuration to meet your needs. We can even offer customized solutions that would allow you to lock certain drawers independently.

Want a separate tamper evident breakaway lock on the top pharmacy drawer on your Crash Cart? Not a problem! Simply add gatelocks to any drawer.

Want a “Controlled substance” drawer on your anesthesia cart? We’ve got you covered there as well! Our dual access controlled substance drawer locks are available on any of our wifi enabled locks. One code (or prox card swipe) gains access to the cart and another key-code is required for access to the controlled substance drawer.

We even have WiFi connectivity on our electronic and proximity locking carts that allows you to remotely change passcodes and access usage activity from a central server (additional software required).

All Key locks and key override locks are “Keyed Differently” unless customer requested to be “Keyed alike.”



UTGQA-333369-FWG

**KEY LOCKING SYSTEM**  
Standard key-lock that includes two keys. On multiple cart orders, we will key all carts differently unless you request them to be keyed alike.

**LEVER/BREAKAWAY LOCKING SYSTEM**  
Our centralized lever-lock provides easy access for your tamper evident breakaway seals. Additionally it serves as a “Transport Lock” that keeps drawers in place during rapid transit. No more heavy fluid drawers flying open when turning corners en route to your procedure.

**GATE LOCKING SYSTEM**  
Individual gate locks allow you to independently secure drawers with either breakaway or key locks. You can even group drawers together by department with larger gate locks. Gate locks can streamline Crash Cart re-stocking by allowing you to only restock drawers accessed during a code.  
Available in 3” increments up to a full 30” bar.

**PUSH BUTTON COMBINATION LOCKING SYSTEM**  
Go Keyless with our reliable mechanical push-button lock. Requires no batteries and the combination is user adjustable.

**ELECTRONIC LOCKING SYSTEM (OPTIONAL WIFI AVAILABLE)**  
User programmable electronic lock accommodates many users and provides an audit trail of cart access.  
\*Not available on full size Steel uni-carts.

**PROXIMITY LOCKING SYSTEM (OPTIONAL WIFI AVAILABLE)**  
Adds the increased convenience of standard HID (Or iClass) Employee Card access to our user programmable electronic lock. Accommodates many users and provides an audit trail of cart access.  
\*Not available on full size Steel uni-carts

**DUAL ACCESS CONTROLLED SUBSTANCE DRAWER**  
Keeps controlled substances secure in the top drawer by requiring two credentials to gain access. Proximity card swipe gains access to all drawer except the top “Controlled substance” drawer. A secondary key code is required to gain access to this drawer.  
Available on WiFi locks only.  
\*Not available on full size Steel uni-carts



All Waterloo carts are coated with a highly durable powder paint that is designed to withstand the demands of the medical environment. The powder paint we use is designed to stand up to standard cleaning solvents used in central sterile supply for surface cleaning.

Additionally, our most popular colors include anti-microbial properties. The majority of our powder paint includes silver ionic compounds that inhibit the ability of micro organisms to spread. These anti-microbial properties are designed to enhance your standard cart cleaning protocols.

With 16 colors to choose from and the ability to mix and match drawer colors on a single cart you will be able to create a unique cart for your particular application and/or to match a specific decor.



UTGKA-33669-VIL

UTRLA-33669-RED

UXGLA-9PEDS

White WHT	Light Gray LTG	Natural NTL	Yellow YEL	Orange ORG	Red RED	Wine WNE	Pink PNK	Violet VIL	Dark Blue DKB
Electric Blue ELB	Light Blue LTB	Teal TLG	Spring Green SPG	Fairway Green FWG	Charcoal GRA	Natural NAT	Pear PER	Cherry CHY	Walnut WNT

EMERGENCY CARTS

Rapid and organized response to a cardiac emergency is essential. The Waterloo aluminum cart is about 30% lighter than a standard steel cart, offering faster response times. The included steering caster allows the cart to take tight corners further improving maneuverability.

Work surface and drawer organization are vital during a Code. Our dual slide out shelves virtually double your cart top work surface, allowing you to move equipment/supplies to the cart top and within easy reach.

Inside our drawers you'll find durable metal drawer dividers that will keep supplies organized and orderly. No more fumbling around for items in the heat of an emergency. Our metal dividers will stand up to years of use and can be sub divided with optional plastic sub dividers.

Dual slide out work surfaces operate independently and virtually double your work surface!

Included plastic top with cutaway front is designed to be "Wrist friendly" as you work on the cart top.

Large stylish/contemporary drawer handles offer a more updated look and enhanced functionality

Adjustable metal dividers (One long and One short) included in all aluminum cart drawers.

Advanced nylon reinforced polycarbonate bumper provides a wider wheel base and greater cart stability and protection. Single piece construction resists scuffs and scratches.

5" Premium "Easy roll" sealed bearing casters with precision bearing swivels. Thread guards minimize sutures and other materials from collecting around axles and keep carts rolling smoothly.



UTRLA-333369-RED

RECOMMENDED ACCESSORIES

**IV POLE**  
Standard style IV Pole.  
Part# IV-2  
SEE PAGE 30.

**OXYGEN TANK BRACKET**  
Powder coated oxygen tank bracket.  
Part# OTB-5  
SEE PAGE 30.

**CARDIAC BOARD**  
Slim cardiac board and mounting brackets.  
Part# CBB-9  
SEE PAGE 30.



**WRAP AROUND RAILING**  
Cart top railing keeps items on cart top during transport.  
Part# R-4 (aluminum carts)  
R-3 (Steel carts)  
R-JR (Med-Jr carts)  
SEE PAGE 32.

**SHARPS CONTAINER BRACKET**  
Accommodates standard 5QT sharps container. Locking version also available.  
Part# SB-2  
SEE PAGE 30.

**SWIVEL MONITOR SHELF**  
Monitor/Defibrillator shelf swivels 360 degrees and locks into position to accommodate defibrillator access from any side of the cart.  
Part#  
ER-SHLFA (Aluminum Carts)  
ER-SHLF (Steel carts)  
ER-SHLF2000 (ER2000 carts)  
SEE PAGE 32.

FEATURE	ELITE ALUMINUM	COMPARISON	TRADITIONAL STEEL
Unicart Construction	<input checked="" type="checkbox"/>		<input type="checkbox"/> Unicart Construction
Ball Bearing Slides	<input checked="" type="checkbox"/>		<input type="checkbox"/> Ball Bearing Slides
Easy-roll Casters	<input checked="" type="checkbox"/>		<input type="checkbox"/> Easy-roll Casters
Includes Drawer Divider Set	<input checked="" type="checkbox"/>		<input type="checkbox"/> Includes Drawer Divider Set
Universal Accessory Mounting System	<input checked="" type="checkbox"/>		<input type="checkbox"/> Universal Accessory Mounting System
Dual Pullout Work Shelves	<input checked="" type="checkbox"/>		<input type="checkbox"/> Single Pullout Work Shelf
Lightweight Construction	<input checked="" type="checkbox"/>		<input type="checkbox"/> Lightweight Construction

EMERGENCY CARTS

Economical steel crash carts offer a robust work platform that can be configured with accessories to address your code cart needs.

Included side shelf on right side of cart provides additional work surface. Optional trays and dividers are available to further organize the contents of your cart. Shares many of the same great features as our aluminum cart but at a more economical initial price.

If you are considering a steel cart and are looking to organize it with optional plastic trays/dividers, you may wish to consider our aluminum carts. The included dividers and dual pull out side shelves that come standard on our aluminum carts may offset the additional cost to upgrade.



UTRLU-333369-RED



CRASH CARTS

Crash carts come in all shapes and sizes, and at Waterloo we acknowledge that fact by manufacturing a wide variety of cart sizes designed to fit your specific needs. Simply choose your desired drawer combination of 3", 6", 9" or 12" drawers and we can help you pick the correct cart height to accommodate your configuration. From there, you can choose between an all red or all blue cart depending on your facility's designated crash cart color.

If you'd like to color code drawers to make them easy to identify quickly (example: White airway drawer), we are happy to accommodate that request at no extra charge! Just tell us what drawer front and what color and we can

personalize your carts for you. Another advantage of working with a true manufacturer of medical carts!

We can also outfit your crash carts with individual breakaway gatelocks over various drawers. These can not only save re-stocking time, but add extra security to drawers that need it (See page 6 for lock options).

Waterloo aluminum crash carts available in Extra-Tall, Tall, Medium and Short cart sizes (See page 5 for sizing chart).



Steel carts come in many of the same cart heights as our versatile aluminum carts. Just like our aluminum carts, choose your desired drawer combination of 3", 6", 9" or 12" drawers which will help us determine the correct cart height for your configuration. Then, choose between an all red or all blue cart depending on your facility's designated crash cart color.

Should you like to color-code any drawers, simply let us know which drawer and what color (from one of our 16 available colors) and we are happy to accommodate your request. We never charge for this option!



Individual gatelocks are available on steel carts and can be installed at our factory for you.

Waterloo steel crash carts available in Extra-Tall, Tall, Medium and Short cart sizes (See page 5 for sizing chart).

The Waterloo ER-2000 takes an innovative approach to crash carts and is designed to offer full access to all drawers in a code with the push of a button. Call for more details!

One press of the centrally located latch opens the dual front doors exposing all drawers for rapid access.

Drawer trays can be removed to be positioned where needed during a code.



CRASH CARTS

ANESTHESIA CARTS

Organization and work surface are important features on an anesthesia cart and the Waterloo aluminum anesthesia cart offers both. With the U-Divide drawer divider system included in every drawer a Waterloo aluminum cart is organized right out of the box. Fine tune your organization with a vast variety of custom trays and dividers that offer more specific organizational options.

With two pull out side shelves, work surface on an Waterloo aluminum cart is virtually double that of competitive carts! Couple that with a variety of above cart tilt bin and shelving options and you have all the flexibility needed to organize equipment and supplies that need to be readily available in the OR.



Dual slide out work surfaces operate independently and virtually double your work surface!

Included plastic top with cutaway front is designed to be "Wrist friendly" as you work on the cart top.

Large stylish/contemporary drawer handles offer a more updated look and enhanced functionality

Adjustable metal drawer dividers (One long and One short) included in all aluminum cart drawers.

Advanced nylon reinforced polycarbonate bumper provides a wider wheel base and greater cart stability and protection. Single piece construction resists scuffs and scratches.

5" Premium "Easy roll" sealed bearing casters with precision bearing swivels. Thread guards minimize sutures and other materials from collecting around axles and keep carts rolling smoothly.

UTGSA-333369-DKB

RECOMMENDED ACCESSORIES

TILT BINS

Convenient tip out tilt bins available in 3Bin, 4Bin, 5Bin and 6Bin sizes. Requires Base rail system sold separately  
Part#s TB-3, TB-4, TB-5, TB-6  
SEE PAGE 321



BASE RAIL SYSTEM

Horizontal rail system for mounting tilt-bins, shelves and other accessories.  
Part#s BRS-2 or BRS-Jr (Med Jr Carts)  
SEE PAGE 32.



WASTE BASKET

Large 20Quart plastic waste basket.  
Part#s BSK-2 (20Qt) or BSK-1 (6Qt)  
SEE PAGE 31.



CLEAR ORGANIZER

Clear acrylic organizer to keep small items at hand.  
Part# ORG-1S  
SEE PAGE 32.

TAPE DISPENSER

Light gray metal tape dispenser can be mounted directly to the top of the cart via included suction cups or to a base rail system using the included accessory hooks. Holds approximately 10 rolls of tape.  
Part# TD-1  
SEE PAGE 32.

WIRE STORAGE BASKET

Extra Large Wire Storage Basket mounts to accessory railing and measures 15.5"W x 9.5"D x 5.5"H.  
Part# WSB-1  
SEE PAGE 32.

FEATURE	ELITE ALUMINUM	COMPARISON	TRADITIONAL STEEL
Unicart Construction	<input checked="" type="radio"/>		<input checked="" type="radio"/> Unicart Construction
Ball Bearing Slides	<input checked="" type="radio"/>		<input checked="" type="radio"/> Ball Bearing Slides
Easy-roll Casters	<input checked="" type="radio"/>		<input checked="" type="radio"/> Easy-roll Casters
Includes Drawer Divider Set	<input checked="" type="radio"/>		<input type="radio"/> Includes Drawer Divider Set
Universal Accessory Mounting System	<input checked="" type="radio"/>		<input type="radio"/> Universal Accessory Mounting System
Dual Pullout Work Shelves	<input checked="" type="radio"/>		<input checked="" type="radio"/> Single Pullout Work Shelf
Lightweight Construction	<input checked="" type="radio"/>		<input type="radio"/> Lightweight Construction

ANESTHESIA CARTS



Economical steel anesthesia carts offer a robust work platform that can be configured with accessories to facilitate your work in the OR.

Shares many of the same great features as our aluminum cart but at a more economical initial price. Included side shelf on right side of cart provides additional work surface. Optional trays and dividers are available to further organize the contents of your cart.

If you are considering a steel cart and are looking to organize it with optional plastic trays/dividers, you may wish to consider our aluminum carts. The included dividers and dual pull out side shelves that come standard on our aluminum carts may offset the additional cost to upgrade.

Single pull-out shelf provides additional work surface.

Smooth, easy-to-clean and removable work surface.

Pre-drilled holes to mount accessories

Advanced nylon reinforced polycarbonate bumper provides a wider wheel base and greater cart stability and protection. Single piece construction resists scuffs and scratches.

5" Premium "Easy roll" sealed bearing casters with precision bearing swivels. Thread guards minimize sutures and other materials from collecting around axles and keep carts rolling smoothly.

UTGSU-333369-DKB



ANESTHESIA CARTS

Anesthesia carts come in all shapes and sizes, and with various security requirements. At Waterloo we acknowledge that fact by manufacturing a wide variety of cart sizes and locking options designed to fit your specific needs. Simply choose your desired drawer combination of 3", 6", 9" or 12" drawers and we can help you pick the correct cart height to accommodate your configuration.

Then simply select your cart exterior color and your drawer front colors. If you'd like to color code drawers to make them easy to identify quickly (example: White airway drawer), we are happy to accommodate that request at no extra charge! Just tell us what drawer front and what color and we can personalize your carts for you. Another advantage of working with a true manufacturer of medical carts!

Waterloo aluminum anesthesia carts are available in Extra-Tall, Tall, Medium and Short cart sizes (See page 5 for sizing chart).

Waterloo anesthesia carts are available with a variety of locking options. From a simple key lock to a WiFi capable proximity card reader, we can provide the right level of security for your operating rooms.

Further enhance cart security with an independently locking "controlled substance" drawer (optional) to keep drugs secure. One swipe of an approved employee badge gains access to all drawers with the exception of the top drug drawer. A secondary key-code allows access to the controlled substance drug drawer keeping important drugs secure.



Steel carts come in all of the same cart heights as our versatile aluminum carts.

As with our aluminum carts, choose your desired drawer combination of 3", 6", 9" or 12" drawers. From there we can determine the appropriate cart height for your configuration. For available cart sizes see sizing chart on page 5.

Next, select your cart exterior color and preferred drawer front colors. Should you like to color-code any drawers, simply let us know which drawer and what color (from one of our 16 available colors) and we are happy to accommodate your request. We never charge for this option!



ANESTHESIA CARTS

ISOLATION CARTS

Access to isolation supplies has never been easier or more efficient than with Waterloo's line of Isolation carts and organizers. Whether you need the storage capacity of a full size cart or require a more efficient use of space as offered by our line of Med-Jr carts and wall organizers, Waterloo has you covered.

Our isolation carts offer storage for caps, gowns and masks as well as handy accessories such as glove box holders, waste baskets, and coat hooks.

Waterloo aluminum carts include dual slide out side shelves that virtually double your work surface.

Metal drawer dividers are also included in every drawer of a Waterloo aluminum cart.



RECOMMENDED ACCESSORIES

**SINGLE GLOVE BOX HOLDER**  
Universal Glove Mask box holder  
User adjustable to accommodate various box dimensions.  
Part# GMH-1  
SEE PAGE 31.



**COAT RACK**  
Coat rack with hooks made of lightweight aluminum.  
Part# CR-1  
SEE PAGE 31.



**WASTE BASKET**  
Large 20 Quart plastic waste basket.  
Part# BSK-2  
SEE PAGE 31.



**TRIPLE GLOVE BOX HOLDER**  
Glove box holder that will hold 3 glove boxes and mounts to our accessory rails.  
Part# BH-3  
SEE PAGE 31.



**SHARPS CONTAINER BRACKET**  
Accommodates standard 5QT sharps container. Locking version also available.  
Part# SB-2  
SEE PAGE 30.



**WIRE CHART HOLDER**  
Wire notebook holder.  
Part# WNH-1  
SEE PAGE 31.



FEATURE	ELITE ALUMINUM	TRADITIONAL STEEL
Unicart Construction	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Ball Bearing Slides	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Easy-roll Casters	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Includes Drawer Divider Set	<input checked="" type="radio"/>	<input type="radio"/>
Universal Accessory Mounting System	<input checked="" type="radio"/>	<input type="radio"/>
Dual Pullout Work Shelves	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Lightweight Construction	<input checked="" type="radio"/>	<input type="radio"/>

ISOLATION CARTS

Economical steel isolation carts offer a robust work platform that can be configured with accessories to accommodate your isolation supplies. Shares many of the same great features as our aluminum cart but at a more economical initial price.

Included side shelf on right side of cart provides additional work surface. Optional trays and dividers are available to further organize the contents of your cart.

If you are considering a steel cart and are looking to organize it with optional plastic trays/dividers, you may wish to consider our aluminum carts. The included dividers and dual pull out side shelves that come standard on our aluminum carts may offset the additional cost to upgrade.





ISOLATION CARTS

Isolation carts store bulky items such as caps, gloves, gowns, face shields etc... That means you'll need deep drawers and lots of them to hold everything your staff will need to protect themselves from contamination. At the same time, you need to keep cart size to a minimum in order to preserve space on patient floor hallways. Waterloo carts come in both standard and narrow widths along with four different cart heights so you can create the perfect balance between cart size and storage space!



ISOLATION ORGANIZERS



Our Isolation Stations are perfect anywhere a wall/door mounted storage solution for personal protective supplies is needed. If your isolation supply needs don't require the extra storage capacity of our carts then choose from one of our many hanging organizers. A wide variety of configurations are available to match your needs.

Our respiratory hygiene station (With optional Kiosk stand) offers a small free-standing solution for patient waiting rooms and other high-traffic areas. Designed to encourage visitors to take necessary precautions per CDC guidelines regarding respiratory hygiene, It holds one box of masks, a standard tissue box (or two small boxes) and a hand gel sanitizer bottle.



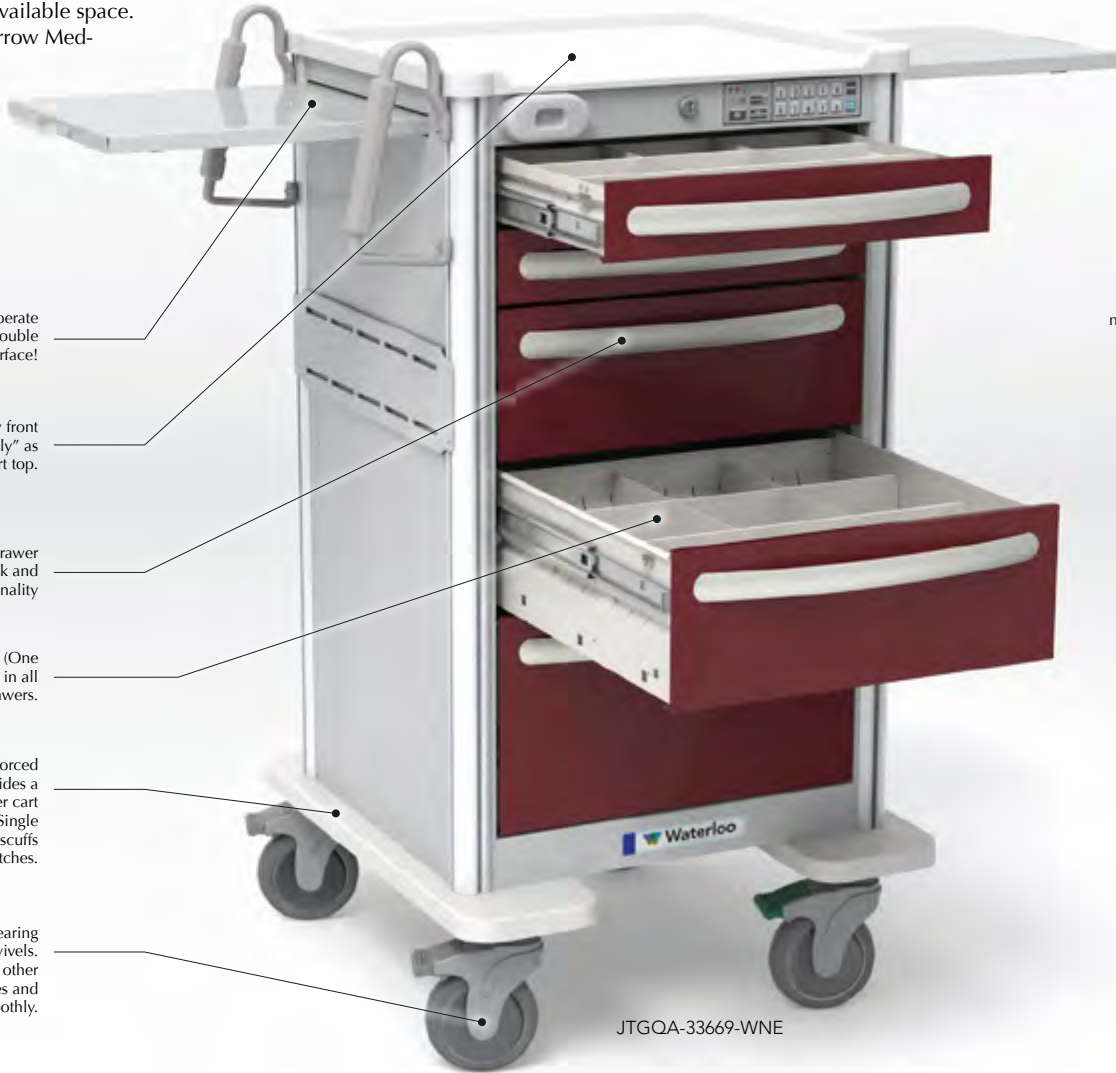
Hanging Isolation Stations accommodate various configurations of glove boxes, gowns, and face masks.

- Pre-drilled keyholes for easy wall mounting.
• Door hanger cut out on back of organizer.
• Made of lightweight yet durable aluminum.
• 15 Year Warranty.

BEDSIDE/NURSE SERVER CARTS

Improve your nursing staff’s “Time spent with patient” by keeping commonly used patient care/nursing supplies at the patient’s bedside. Waterloo aluminum bedside carts can fit into tight patient room areas and even under existing counters. Our aluminum carts can even provide extra workspace when needed with the included dual slide out side shelves!

Whatever your storage needs are, Waterloo has a bedside cart designed to fit your available space. From a full width Uni-cart to a narrow Med-Jr we offer a cart that can accommodate patient supplies and minimize trips to a central supply closet.



Dual slide out work surfaces operate independently and virtually double your work surface!

Included plastic top with cutaway front is designed to be “Wrist friendly” as you work on the cart top.

Large stylish/contemporary drawer handles offer a more updated look and enhanced functionality

Adjustable metal drawer dividers (One long and One short) included in all aluminum cart drawers.

Advanced nylon reinforced polycarbonate bumper provides a wider wheel base and greater cart stability and protection. Single piece construction resists scuffs and scratches.

5" Premium “Easy roll” sealed bearing casters with precision bearing swivels. Thread guards minimize sutures and other materials from collecting around axles and keep carts rolling smoothly.

JTGQA-33669-WNE

RECOMMENDED ACCESSORIES

SINGLE GLOVE BOX HOLDER

Universal glove/mask holder. User adjustable to accommodate various box dimensions.  
Part# GMH-1  
SEE PAGE 31.



WIRE CHART HOLDER

Wire notebook holder.  
Part# WNH-1  
SEE PAGE 31.



HALF DRAWER NARCOTICS BOX

Keyless mechanical push-button narcotics box can be used to safely secure patient’s personal items.  
Part# SD-3S  
SEE PAGE 34.



TRIPLE GLOVE BOX HOLDER

Glove box holder that will hold 3 glove boxes and mounts to our accessory rails.  
Part# BH-3  
SEE PAGE 31.

UTILITY HOOKS

Set of two industrial strength, self adhesive utility hooks can be applied to any smooth metal surface.  
Part# UH-2  
SEE PAGE 30.

3 INCH CASTERS

Replace our standard 5” casters with these 3” versions to lower the cart height and allow the cart to fit under counter tops.

FEATURE COMPARISON

ELITE ALUMINUM

- Unicart Construction
- Ball Bearing Slides
- Easy-roll Casters
- Includes Drawer Divider Set
- Universal Accessory Mounting System
- Dual Pullout Work Shelves
- Lightweight Construction

TRADITIONAL STEEL

- Unicart Construction
- Ball Bearing Slides
- Easy-roll Casters
- Includes Drawer Divider Set
- Universal Accessory Mounting System
- Single Pullout Work Shelf
- Lightweight Construction

BEDSIDE/NURSE SERVER CARTS



Economical steel bedside carts offer a robust work platform that can be configured with accessories to accommodate your bedside cart supplies. Shares many of the same great features as our aluminum cart but at a more economical initial price.

Included side shelf on right side of cart provides additional work surface. Optional trays and dividers are available to further organize the contents of your cart.

If you are considering a steel cart and are looking to organize it with optional plastic trays/dividers, you may wish to consider our aluminum carts. The included dividers and dual pull out side shelves that come standard on our aluminum carts may offset the additional cost to upgrade.

Single pull-out shelf provides additional work surface.

Included plastic top. Smooth, easy-to-clean and removable work surface.

Pre-drilled holes to mount accessories

Advanced nylon reinforced polycarbonate bumper provides a wider wheel base and greater cart stability and protection. Single piece construction resists scuffs and scratches.

5" Premium “Easy roll” sealed bearing casters with precision bearing swivels. Thread guards minimize sutures and other materials from collecting around axles and keep carts rolling smoothly.

JTGSU-33669-VIL



BEDSIDE/NURSE SERVER CARTS

Waterloo aluminum bedside carts are available in a wide variety of sizes and configurations. Dual pull out side shelves and included metal drawer dividers are standard on all our aluminum bedside carts!

If your bedside storage requirements are more than our Slim Med-jr carts accommodate, consider one of our full size Unicarts which provide a larger storage capacity.

Keyless locking options for our aluminum carts include: mechanical push-button, electronic keypad and even proximity card readers for swipe in/swipe out convenience!

All carts available with a “Low profile” package that includes 3” casters mounted directly under the cart (no bumpers).

Our “Low Profile” Bedside cart is designed to tuck neatly under an existing counter or desk. Providing the perfect storage solution for an unused undercounter alcove!

Aluminum Med-Jr carts are available in Extra-Tall, Tall, Medium and Short sizes. For illustrations of available sizes see page 5.

Optional Heavy duty Thermofoil cart tops available (Call for details).



BEDSIDE/NURSE SERVER CARTS

Waterloo steel bedside carts are also available in a wide variety of sizes and configurations. Included side shelf on right side of cart provides additional work surface. Optional trays and dividers are available to further organize the contents of your cart.

Consider our keyless locking options for Steel Med-Jr carts which include mechanical push-button, Electronic keypad and even Proximity card readers for swipe in/swipe out convenience!

All carts available with a “Low profile” package that includes 3” casters mounted directly under the cart (No Bumpers).

Steel Med-Jr carts are available in Extra-Tall, Tall, Medium and Short sizes. For illustrations of available sizes see page 5.

Optional Heavy duty Thermofoil cart tops available (Call for details).





CUSTOM CONFIGURED CARTS

Waterloo carts can be outfitted with accessories to match your specific specialty.

Looking for a “Difficult airway cart”? simply add a scope holder and maybe a waste basket. Would you like a “IV Cart”? no problem...just add a glove box holder, waste basket and a sharps container bracket. By combining our wide array of cart accessories to the appropriate cart you can custom configure your own “Specialty cart”.

Give us a call and our customer service team can assist you in creating your own unique “Specialty Cart”!

Below are just a few specialty cart examples.



**CAST CART**  
UTGKA-33669-GRA  
CAST-1 CASTING SHELF

**DIFFICULT AIRWAY CART**  
UTGKA-333369-LTB  
SH-2 scope holder  
BSK-2 Waste Basket

**SUTURE CART**  
UMGKA-33369-LTG  
SUT-1 suture shelf\*  
AMP-2 back accessory panel  
BSK-2 Waste Basket  
SB-1 Univ Sharp Holder



**ENT CART**  
USGKA-3369-WNE  
R-4 Railing  
ORG-1 Plastic Organizer

**IV CART**  
JSGKA-3369-WHT  
SB-1 sharps, BSK-2 Waste Basket  
BH-2 Glove box holder, AMP-1 Side panel

**MALIGNANT HYPERTHERMIA CART**  
UXGKA-36F-DKB  
includes a SUMMIT 1.6cu. ft. interior refrigerator with exterior digital thermostat and temperature alarm. The internal fan and gel packs help to stabilize the interior temperature. Key locking front door and hospital grade plug come standard.

CUSTOM CONFIGURED CARTS



**HYPERTHERMIA AND PHLEBOTOMY CARTS**

The Waterloo All-in-One cart was originally purpose built to allow phlebotomists the opportunity to spend more time on patient floors and less time heading back to the lab for fresh supplies. This very popular cart offers a variety of storage compartments and tilt bins for all your phlebotomy supplies.

But this cart is much more than for phlebotomy alone. With the built in tilt bins, waste receptacle and removable trays this cart can be used as an IV cart, Suture cart, etc.... The sky's the limit when it comes to the versatility of our All-In-One cart!



**SHORT PHLEBOTOMY CART**  
MSWA-34696-WHT  
internal sharps container, internal trash container, tilt bins, drawers with removable divider trays.

**TALL PHLEBOTOMY CART**  
MTWA-34696-WHT  
internal sharps container, internal trash container, tilt bins, drawers with removable divider trays.



**DRAWER TRIM**  
Part# TRIM-ECF, TRIM-ECG, TRIM-ECB, TRIM-ECV



**LEVER/BREAKAWAY LOCK**  
For our Value Carts  
Part# A15902A1



**FULL DRAWER TRAY WITH 2 RAILS AND 4 ADJUSTABLE DIVIDERS**  
Fits one per drawer.  
16"w x 16"d x 2.3"h  
Part# WMT-5  
SEE PAGE 29.



ESGKU-399-LTG

ESGKU-3369-LTG

ESGKU-33366-LTG

Waterloo value carts are designed with budget and size in mind. If you need a compact mobile storage solution that keeps an eye on your pocketbook then our Value cart is for you!

Standard Features include:

- Centralized key lock.
- Ball bearing glide drawers.
- Removable ABS plastic top.
- Includes single pull-out shelf.
- 5" Premium easy roll casters (two braking, one steering, and one full swivel).
- Stabilizer base with high impact nylon reinforced polycarbonate bumper.
- Antimicrobial properties.

**VALUE CARTS**



DIVIDERS & TRAYS



**CLEAR PLASTIC DIVIDERS**  
Two per kit. Includes dividers. Fits in all drawers except half-sized Unicart or Medrx drawers.  
14"W x 8.5"D x 2"H  
CP-DIV-TRAY



**CUT & CLIP DIVIDER SYSTEM**  
Simply score the plastic strips and snap them to create your own divider system. Fits in all drawers. Set includes 22" long white plastic strips and 8 clips. DIV-CC2 includes 2" H strips.  
Additional clips available in sets of 6.  
DIV-CC2  
DIV-CLIP



**2.5" DEEP CONFIGURABLE GRAY PLASTIC DIVIDER TRAY**  
2.5" deep, includes dividers. Fits 2 per drawer, and typically used in 3" and 4" deep drawers.  
9.25"W x 15"D x 2.5"H  
WDC-2025



**4.75" DEEP CONFIGURABLE GRAY PLASTIC DIVIDER TRAY**  
4.75" deep, includes dividers. Fits 2 per drawer, and typically used in 6", 9" and 12" deep drawers.  
9.25"W x 15"D x 4.75"H  
WDC-2050



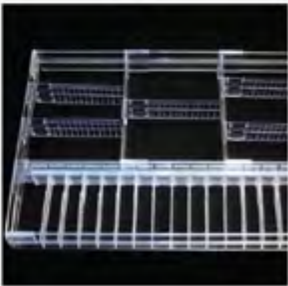
**WHITE DIVIDER BOX WITH CLEAR LID**  
White plastic divider box with clear lid. Can be sealed with clear plastic seal.  
21.75"W x 15.75"D x 2.5"H  
EMER-BOX  
NOTE: EMER-DV is available as a divider set for the EMER-BOX



**WHITE PLASTIC TRAY WITH CONFIGURED BINS**  
Can be easily reconfigured. Fits in all full-sized Unicart drawers.  
22"W x 15"D x 2.5"H  
TT-1A



**WHITE PLASTIC TRAY WITH CONFIGURED BINS**  
Can be easily reconfigured. Fits in all full-sized Unicart drawers.  
22"W x 15"D x 2.5"H  
TT-1B



**ADJUSTABLE DIVIDER SYSTEM WITH ROW OF AMPULE HOLDERS**  
NOTE: To purchase this divider for the ER-2000 Instant Access Cart, please order DIV-DRW12ER.  
21.5"W x 15.25"D  
DIV-DRW12



**ADJUSTABLE DIVIDER SYSTEM WITH LARGE DIVIDER SECTIONS**  
NOTE: To purchase this divider for the ER-2000 Instant Access Cart, please order DIV-DRW34ER.  
21.5"W x 15.25"D  
DIV-DRW34



**ADJUSTABLE DIVIDER SYSTEM WITH LARGE DIVIDER SECTIONS**  
Fits in 6", 9" and 12" deep full-sized Unicart drawers.  
NOTE: To purchase this divider for the ER-2000 Instant Access Cart, please order DIV-DRW5ER.  
21.5"W x 15.25"D  
DIV-DRW5



**AMPULE HOLDER DIVIDER SYSTEM**  
With white plastic trays. Fits in all full-sized Unicart drawers  
21.5"W x 15.25"D x 2.3"H  
DIVTRAY-AMP



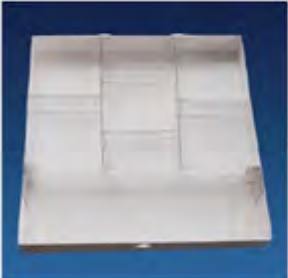
**ANESTHESIA DIVIDER SYSTEM**  
With white plastic trays. Fits in all full-sized Unicart drawers  
21.5"W x 15.25"D x 2.3"H  
DIVTRAY-ANES



**STANDARD DIVIDER SYSTEM**  
With white plastic tray. Fits in all full-sized Unicart drawers  
21.5"W x 15.25"D x 2.3"H  
DIVTRAY-STD  
Also available in 5" high version  
DIVTRAY-STD5



**COMPLETE AMPULE HOLDER DIVIDER SYSTEM**  
With white plastic tray. Includes 3 rows of 17 ampule dividers.  
21.5"W x 15.25"D x 2.3"H  
WMT-3



**SLIM MED-JR AMPULE HOLDER DIVIDER SYSTEM**  
Full drawer tray with 12 ampule dividers, ampule tray, rail and 4 adjustable dividers. Fits 1 per drawer.  
16"W x 16"D x 2.3"H  
WMT-4



**SLIM MED-JR FULL DRAWER DIVIDER SYSTEM**  
Full drawer tray with 2 rails and 4 adjustable dividers. Fits 1 per drawer.  
16"W x 16"D x 2.3"H  
WMT-5



**FRONT AND BACK DIVIDER SYSTEM FOR UNICART DRAWERS**  
Includes 3 front to back panels to create up to 4 compartments in one drawer.  
For 6"H drawers  
DIV-UC6  
For 9"H drawers  
DIV-UC9



**CLEAR DIVIDABLE TRAYS**  
Trays fit in Unicart drawers and Instant Access Series ER2000.  
ER-TRAY3  
ER-TRAY6  
For dividing systems, purchase DIV-DRW12ER, DIVDRW34ER or DIV-DRW5ER.



**SEALABLE, PERFORATED BAGS**  
Fits over divider trays. Package of 20.  
BAG-3  
23"W x 17"D x 5.5"H  
BAG-6  
23"W x 17"D x 7"H



**LONG OR SHORT, CLEAR PLASTIC DIVIDERS**  
For use with DIV-DRW12, DIV-DRW34, DIVTRAY-STD, DIVTRAY-AMP, DIVTRAY-ANES.  
Long dividers  
DIV-10L  
Short dividers  
DIV-10S



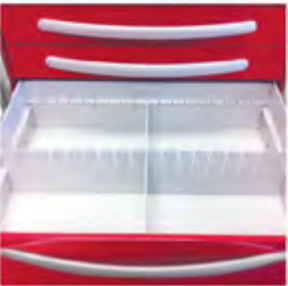
**DIVIDER KIT FOR 3" ALUMINUM UNICART DRAWERS**  
Includes 1 front-to-back and one side-to-side divider.  
DIV-AU3



**DIVIDER KIT FOR 6", 9" & 12" ALUMINUM UNICART DRAWERS**  
Includes 1 front-to-back and one side-to-side divider.  
DIV-AU6



**DIVIDER KIT FOR 3" ALUMINUM MED-JR DRAWERS**  
Includes 1 front-to-back and one side-to-side divider.  
DIV-AJ3



**DIVIDER KIT FOR 6", 9" & 12" ALUMINUM MED-JR DRAWERS**  
Includes 1 front-to-back and one side-to-side divider.  
DIV-AJ6



CART ACCESSORIES



**LIGHTWEIGHT BACKSIDE  
CARDIAC BOARD MOUNT**

Lightweight plastic cardiac board and metal mounting brackets for back side of Steel Unicart. Please use CBB-7 for Aluminum Unicarts, CBB-PC345 for PC343 & PC345.  
24"W x 1"D x 18"H  
CBB-6



**LIGHTWEIGHT SIDE  
CARDIAC BOARD MOUNT**

Lightweight plastic cardiac board and side mounting brackets for back side of Aluminum Unicarts or Med Jr.  
24"W x 1"D x 18"H  
CBB-8



**THIN SOLID PLASTIC  
CARDIAC BOARD  
BACKSIDE MOUNT**

Thin solid plastic cardiac board and brackets for Steel or Aluminum Unicarts.  
21" x 15.25" x 0.5"  
CBB-9



**ER2000 BACKSIDE  
CARDIAC BOARD MOUNT**

Lightweight plastic cardiac board mounting bracket and board for back side of the ER2000 cart.  
CBB-ER



**OXYGEN TANK MOUNT**

Plastic oxygen tank brackets with adjustable Velcro straps. For all Unicarts or Med-Jr. carts. For PC343 or 345 please use part number OTB-PC345  
OTB-4



**METAL OXYGEN  
TANK BRACKET**

Can be mounted to all Unicarts and Med Jr. carts.  
OTB-5



**SHARPS CONTAINER  
MOUNTING BRACKET**

With adjustable velcro strap. Mounts to side of all Unicarts, Med Jr, ER-2000, Medtrix, DMC.  
SB-1



**LOCKING  
SHARPS CONTAINER  
MOUNTING BRACKET**

Mounts to side of all Unicarts, Med Jr, Medtrix, DMC. Designed for 5 quart container.  
SB-2L



**NON-LOCKING  
SHARPS CONTAINER  
MOUNTING BRACKET**

Mounts to side of all Unicarts, med Jr, Medtrix, DMC. Designed for 5 quart container.  
SB-2



**SELF-ADHESIVE  
CHROME HOOKS**

Set of two self-adhesive chrome hooks that mount easily on any cart.  
ABH-2



**IV POLE**

Chrome IV pole and mounting bracket. Mounts on Unicart, Med Jr, Medtrix, DMC.  
IV-2



**COAT RACK WITH HOOKS**

Made from lightweight aluminum. Mounts on Unicart, Med Jr, Medtrix, or DMC carts.  
CR-1



**GLOVE BOX HOLDER**

The NEW glove box holders are available in 3 sizes to fit any facilities needs.  
Order BH-1 for one box (10"H x 4"D x 6"W),  
BH-2 for two box size (10"H x 4"D x 12"W),  
BH-3 for three box size (10"H x 4"D x 18"W)



**HORIZONTAL GLOVE  
BOX HOLDER**

Horizontal glove box holder. Holds 3 standard sized glove boxes.  
BH-3H



**GLOVE & MASK  
BOX HOLDER**

Made from lightweight aluminum. Adjusts to many sizes of boxes. Mounts to railing on cart.  
GMH-1



**SIDE MOUNT  
BUCKET HOLDER**

Side mounting bucket holder and towel bar. Holds (2) 165oz cast buckets.  
17.5"W x 6.5"D x 8.8"H  
CAST-1



**SMALL WASTE BASKET**

Small (6 quart) plastic waste basket. Requires accessory rail.  
9"W x 6.25"D x 10"H  
BSK-1



**LARGE WASTE BASKET**

Large (20 quart) plastic waste basket. Requires accessory rail.  
13"W x 8.5"D x 15"H  
BSK-2



**TILT BINS**

Clear plastic tilt bins with white exterior. Available in 3, 4, 5, or 6 bin units. Mounts to base rail system (BRS-2, BRS-3 OR BRS-JR)  
TB-3  
TB-4  
TB-5  
TB-6



**UTILITY RECEPTACLES**

Available in three sizes, UR-1 (0.85 liters), UR-2 (1.5 liters), UR-3 (2.8 liters). Requires accessory rail.  
UR-1  
UR-2  
UR-3



**CYLINDRICAL  
UTILITY RECEPTACLE**

4" opening, 11" Tall  
UR-4L



**CHART HOLDER**

Gray steel chart holder. Mounts to accessory rail.  
14.25"W x 3.75"D x 10"H  
CHT-1



**NOTEBOOK MOUNT**

Wire notebook holder. Mounts to accessory railing.  
12.5"W x 2.5"D x 10"H  
WNH-1



**EXTRA-LARGE  
WIRE BASKET**

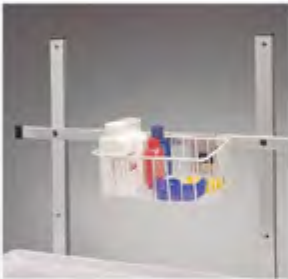
Mounts to accessory railing.  
15.5"W x 9.5"D x 5.5"H  
WSB-1



CART ACCESSORIES



**LARGE WIRE BASKET**  
Mounts to accessory railing.  
15.5"W x 5.5"D x 3.5"H  
WB-1L



**SMALL WIRE BASKET**  
Mounts to accessory railing.  
8.5"W x 5.5"D x 3.5"H  
WB-1S



**LARGE CLEAR PLASTIC ORGANIZER**  
Includes clear slide-in dividers. Mounts to accessory railing.  
18"W x 5"D x 3"H  
ORG-1L



**SMALL CLEAR PLASTIC ORGANIZER**  
Includes clear slide-in dividers. Mounts to accessory railing.  
9"W x 5"D x 3"H.  
ORG-1S



**TAPE DISPENSER**  
White tape dispenser with suction cups to attach to the top of a cart.  
TD-1



**HORIZONTAL RAIL SYSTEM**  
For hanging accessories and mounting shelves on Unicarts. Includes two vertical and three horizontal rails. For Steel or Aluminum Unicarts purchase BRS-2. Med Jr. carts purchase BRS-JR.



**WRAP-AROUND ALUMINUM RAILING**  
May be used to hang accessories. For Steel Unicarts purchase R-3. Med Jr. carts purchase R-JR. Aluminum carts purchase R-4.



**FLAT SHELF**  
Mounts to the horizontal rail system (BRS-2). Aluminum carts purchase SHLF-3 and BRS-2 .  
24"W x 10"D x 3/4"H.  
SHLF-2



**TWO-TIER SHELVING UNIT**  
Mounts above Steel Unicarts. Order SHLF-110A for aluminum carts. NOTE: side shelves are not functional when SHLF-110 is mounted.  
26.5"W x 15.5"D x 1"H  
Steel- SHLF-110  
Alum- SHLF-110A



**SWIVELING MONITOR SHELF**  
Full swivel monitor shelf capable of locking in place. Includes an adjustable strap to secure items in place. Maximum weight capacity 25 lbs. Steel carts purchase ER-SHLF. Aluminum carts purchase ER-SHLFA. Instant Access series purchase ER-SHLF2000.  
15"W x 13.5"D x 12"H  
ER-SHLF



**STEEL SCOPE HOLDER**  
Our durable steel scope holders secure easily to the wall or our Unicarts. Available in two sizes, two scope holder (SH-2) and four scope holder (SH-4). Locking Plexiglas doors also included for added security.



**COLLAPSIBLE SIDE SHELF**  
For Steel Unicart or Med Jr. 25lb capacity side shelf. May not be required as Waterloo carts come standard with one or two 15lb capacity slide out side shelves. Surface area: 17.5"W x 15"D  
SSG-2C



**SUCTION SHELF**  
For Unicart or Med Jr. Fits majority brands of suction units.  
18"W x 8"D x 3".  
SS-M



**CATHETER HOLDER**  
Catheter holder for Unicart or Med Jr.  
7.5"W x 2"D x 23"H  
CH-3



**BACKSIDE MOUNTED SHELVING SYSTEM**  
This shelving unit includes (2) vertical rails, (1) top horizontal rail and (2) suture shelves. Aluminum carts require the purchase of AMP-2 for installation of this item.  
Each shelf: 21.5"W x 5.5"D x 3.25"H  
SUT-1



**ACCESSORY MOUNTING PANEL**  
For Lightweight Aluminum Unicarts. Mounts to SIDE to hold additional accessories.  
AMP-1



**ACCESSORY MOUNTING PANEL**  
For Lightweight Aluminum Unicarts. Mounts to BACK to hold additional accessories.  
AMP-2



**ACCESSORY SIDE RAIL**  
For Steel Unicarts or Steel Med-Jr carts. Rails for mounting various accessories to sides of cart.  
SR-1



**ACCESSORY BACK RAIL**  
For Steel Unicarts or Steel Med-Jr carts. Rails for mounting various accessories to back of cart.  
CB-1



**ACCESSORY BACK RAIL FOR STEEL MED-JR**  
Accessory rail for back attachment of accessories to the Steel Med Jr only.  
CB-2



**OUTLET POWER STRIP**  
Hospital grade outlet strip. 15 foot long cord with 6 outlets.  
OS-1



**CORD WRAP**  
Usually used with outlet strip sold separately.  
CW-1



**FLUID/EQUIPMENT STORAGE TRAY SYSTEM**  
For Steel, Med Jr or Medtrix/Halfix carts. Includes two trays. Steel cart purchase FT-1. Aluminum carts purchase FTA-1. Each tray measures 17.52"W x 4.04"D x 4.5"H



**PLASTIC CART COVER**  
For Unicarts. Includes 5 bags. Dimensions: 33" x 23" x 42"  
BAG-COVER5

CART ACCESSORIES



**SELF-ADHESIVE LABEL HOLDERS**  
1”H x 3”W, package of 100. Holders are loaded from the side.  
LH-1



**FLEXIBLE MAGNETIC LIGHT**  
for use on steel carts. Requires two AA batteries. Uses highly efficient LED bulb (included).  
LT-1



**LOCKING SECURITY BOX**  
For use of transportation of narcotics or permanently mounted inside drawer. Includes two keys.  
SD-3  
15.6”W x 11.4”D x 2.5”H  
  
Simplex Locking Security Box  
SD-9S  
10.6”W x 9”H x 15.75”D



**PUSHBUTTON LOCKING SECURITY BOX**  
For use in transportation of narcotics. Permanently mounted. Includes override lock with 2 keys.  
SD-3S



**FULL DRAWER LOCKING SECURITY BOX**  
Key locking, full drawer security box. Permanently mounted into drawer. Includes two keys.  
21.5”W x 15.5”D x 2.5”H  
SD-3F



**ALUMINUM CART GATE LOCK**  
For use on Lightweight aluminum carts. Can be used for securing narcotics and liquids or as a visible inventory management system. Available in Key-locking or Breakaway locking (for tamper evident plastic breakaway seals) and in 3”increments up to 30” long.  
GLB-\* Breakaway gatelock  
GLK-\* Key gatelock



**STEEL CART GATE LOCK**  
For use on Steel carts. Installed at factory. Available in Key-locking or Breakaway locking (for tamper evident plastic breakaway seals) and in 3”increments up to 30” long.  
GLB-\* Breakaway gatelock  
GLK-\* Key gatelock



**DEEP DRAWER SECURITY BOX**  
With security lid to secure medication in any full size Steel or Aluminum Unicart drawer 9”H. Includes lock with two keys.  
NARC-BOX



**PROXIMITY LOCK MANAGEMENT SOFTWARE**  
Management Software for Electronic and Proximity locking systems.  
LOCKMANAGER

PROXIMITY CARD (pictured)  
PROX-1



**SELF-ADHESIVE PROXIMITY TAG**  
Small, adhesive proximity tag. 1” diameter.  
PROX-2



**PLASTIC BREAKAWAY SEALS**  
Can be used with lever locking systems, breakaway gate locks and EMER-BOX divider trays.  
PS-100

CROSS-REFERENCE SPECIFICATION CHART

CART FRAME DATA					DRAWER DATA				SECURITY	
FRAME STYLE	OVERALL DIMENSIONS	WEIGHT RANGE (lbs)	EXTERIOR COLORS	PULL-OUT SHELF	DRAWER INSIDE DIMENSIONS	DRAWER SIZES (inches high)	BUILT-IN DIVIDERS	DRAWER COLORS	LOCK OPTIONS	ANTI-MICROBIAL
ALUMINUM UNICART										
Short	36”h x 29”w x 24.5”d	65-90	LTG, RED, ELB	Dual	22”w x 16.5”d	3, 6, 9, 12	Yes	All 16 Options	Lever, Key, Pushbutton, Electronic, Proximity Card	Yes
Medium	39”h x 29”w x 24.5”d	70-95	LTG, RED, ELB	Dual	22”w x 16.5”d	3, 6, 9, 12	Yes	All 16 Options	Lever, Key, Pushbutton, Electronic, Proximity Card	Yes
Tall	42”h x 29”w x 24.5”d	75-95	LTG, RED, ELB	Dual	22”w x 16.5”d	3, 6, 9, 12	Yes	All 16 Options	Lever, Key, Pushbutton, Electronic, Proximity Card	Yes
X-Tall	45”h x 29”w x 24.5”d	80-100	LTG, RED, ELB	Dual	22”w x 16.5”d	3, 6, 9, 12	Yes	All 16 Options	Lever, Key, Pushbutton, Electronic, Proximity Card	Yes
STEEL UNICART										
Short	36”h x 29”w x 24.5”d	85-100	LTG, RED, ELB	Single	22”w x 16.5”d	3, 6, 9, 12	No	All 16 Options	Lever, Key, Pushbutton, Electronic, Proximity Card	Yes
Medium	39”h x 29”w x 24.5”d	85-100	LTG, RED, ELB	Single	22”w x 16.5”d	3, 6, 9, 12	No	All 16 Options	Lever, Key, Pushbutton, Electronic, Proximity Card	Yes
Tall	42”h x 29”w x 24.5”d	90-120	LTG, RED, ELB	Single	22”w x 16.5”d	3, 6, 9, 12	No	All 16 Options	Lever, Key, Pushbutton, Electronic, Proximity Card	Yes
X-Tall	45”h x 29”w x 24.5”d	100-140	LTG, RED, ELB	Single	22”w x 16.5”d	3, 6, 9, 12	No	All 16 Options	Lever, Key, Pushbutton, Electronic, Proximity Card	Yes
ALUMINUM BEDSIDE/MED JR.										
Short	36”h x 23”w x 24.5”d	60-80	LTG 4 wood Options	Dual	16.5”w x 16.5”d	3, 6, 9, 12	Yes	16 Color Options 4 Wood Options	Lever, Key, Pushbutton, Electronic, Proximity Card	Yes
Medium	39”h x 23”w x 24.5”d	60-85	LTG 4 wood Options	Dual	16.5”w x 16.5”d	3, 6, 9, 12	Yes	16 Color Options 4 Wood Options	Lever, Key, Pushbutton, Electronic, Proximity Card	Yes
Tall	42”h x 23”w x 24.5”d	65-85	LTG 4 wood Options	Dual	16.5”w x 16.5”d	3, 6, 9, 12	Yes	16 Color Options 4 Wood Options	Lever, Key, Pushbutton, Electronic, Proximity Card	Yes
X-Tall	45”h x 23”w x 24.5”d	70-90	LTG 4 wood Options	Dual	16.5”w x 16.5”d	3, 6, 9, 12	Yes	16 Color Options 4 Wood Options	Lever, Key, Pushbutton, Electronic, Proximity Card	Yes
STEEL BEDSIDE/MED JR.										
Short	36”h x 23”w x 24.5”d	80-95	LTG 4 wood Options	Single	16.5”w x 16.5”d	3, 6, 9, 12	No	16 Color Options 4 Wood Options	Lever, Key, Pushbutton, Electronic, Proximity Card	Yes
Medium	39”h x 23”w x 24.5”d	80-95	LTG 4 wood Options	Single	16.5”w x 16.5”d	3, 6, 9, 12	No	16 Color Options 4 Wood Options	Lever, Key, Pushbutton, Electronic, Proximity Card	Yes
Tall	42”h x 23”w x 24.5”d	85-115	LTG 4 wood Options	Single	16.5”w x 16.5”d	3, 6, 9, 12	No	16 Color Options 4 Wood Options	Lever, Key, Pushbutton, Electronic, Proximity Card	Yes
X-Tall	45”h x 23”w x 24.5”d	90-130	LTG 4 wood Options	Single	16.5”w x 16.5”d	3, 6, 9, 12	No	16 Color Options 4 Wood Options	Lever, Key, Pushbutton, Electronic, Proximity Card	Yes



care moves...



# care moves.

Altus understands there is power in productivity. We are a leading manufacturer of mobile and wall-mounted technology workstations because we study clinicians' needs and design innovative workstation solutions to enhance efficiency and workflow.

Healthcare environments have a wide range of challenges. Altus technology workstations enable optimized mobility, adjustability, access to patient data, documentation at the point of care, and clinician well-being.



PICTURED ABOVE

H Class Laptop Cart – HLC7P2 (American Natural Maple) Single Rollerblade Casters  
H Class Kidney Laptop Cart – MPC-43P (American Natural Maple)  
Single Rollerblade Casters



- An exclusive focus on the needs of healthcare clinicians
- Patented, easy-to-operate Ascend® sit-to-stand lift technology
- Maximum mobility
- Fast, easy and extensive customization



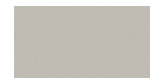
PICTURED ABOVE

Clio LCD Cart – C3 (American Natural Maple)  
Single-Wheel Shrouded Caster

#### SOLID



Cloud (Standard Color)  
0141



Vintage  
0203



Shark Grey  
6005

#### WOODGRAIN



Crossfire Java  
2066



Summerflame  
2013



American Natural Maple  
2028

#### ABSTRACT



Cashmere Fibers  
4007



Concrete Fibers  
4008

# care moves.... just roll with it.

We study clinicians' everyday workflow and healthcare environment challenges. Our unique workstation solutions provide clinicians with ease of mobility and effortless adjustments. Accessing technology at anytime and anywhere, working safely within different healthcare environments, and enhancing productivity are just some of the ways our mobile technology workstations are improving clinician efficiency and physical comfort.



PICTURED ABOVE  
Clio LCD Cart – C3 (Cloud)  
Dual Wheel Casters



#### 4" MOBILE CASTER OPTIONS:

- Single-Wheel Rollerblade casters for optimal maneuverability on non-powered carts only
- Single-wheel Shrouded casters with optimal maneuverability promote a clean aesthetic on powered carts
- Dual-Wheel casters are an ideal option when multiple floors are visited and elevator thresholds are traversed

#### ENHANCED MOVEMENT FEATURES:

- Small footprint for ease of movement
- Monitor swivels to clear view when moving and to provide quick collaborative work options



SINGLE-WHEEL  
SHROUDED  
CASTER



DUAL-WHEEL  
CASTER



SINGLE-WHEEL  
ROLLERBLADE  
CASTER  
(Non-Powered Only)

# care moves... the ups and downs.

Delivering point of care for caregivers in a simple, yet effortless way. Whether sitting or standing, patient interaction is facilitated through our Ascend® sit-to-stand lift technology. Our mobile workstations are versatile and easy to adjust for maximum comfort while entering patient data, interacting with patients, or reviewing treatment plans.



PICTURED ABOVE  
Clio LCD Cart – C3 (Cloud)  
Single-Wheel Shrouded Casters



PICTURED ABOVE  
H Class Kidney Laptop Cart – MPC-43P (Cloud)  
Single-Wheel Rollerblade Casters

- Ascend® sit-to-stand lift technology offers 18" of height adjustment range with an ergonomically contoured height adjustment lever
- Swivel monitor provides interactive communication
- Keyboard slides out and tilts for comfort
- Keyboard light for dimly lit environments



PICTURED ABOVE  
H Class Laptop Cart – HLC7P2 (Cloud)  
Single-Wheel Rollerblade Casters

# care moves... empowering your workflow.

## Introducing an intelligent approach to 24/7 power.

Clio powered carts always have the ability to power up technology components. This is achieved through renewable charging (cordless) and/or on-board charging. Altus' AC Powered System platforms; Clio Swap, Clio and Clio Plus keep your mobile workstations workflow uninterrupted.



CLIO SWAP



CLIO



CLIO PLUS



PICTURED ABOVE  
Clio LCD Cart – C3 (Cloud)  
Single-wheel Shrouded Casters

**Clio Swap** is a swappable-power cart system. Electrical power is renewed by swapping a depleted battery for a fully charged battery. The 3.6 lb. battery makes it easy for caregivers to install or remove with one hand.

**Clio** is all about unsurpassed runtime in this powered cart. Caregivers will enjoy the freedom to utilize this cart during their shift and recognize that Clio has the most durable, reliable and the safest battery technology available.

**Clio Plus** is a flexible, hybrid system that can utilize either swappable-power through swapping a depleted battery for a fully charged battery or wall outlet power through on-board charging.



PICTURED ABOVE  
Clio LCD Cart – C3 (Cloud)  
Single-Wheel Shrouded Casters



CLIO SWAP  
BATTERY



CLIO PLUS  
BATTERY

# care moves... in healthy caregivers.

To assist in promoting a healthy work environment, it is essential to have a technology workstation that considers human factors and adjusts to each unique clinician. Our products meet or exceed the ability to adjust to fit each caregiver.



PICTURED ABOVE  
Clio LCD Cart – C3 (Cloud)  
Single-Wheel Shrouded Casters



- 1 18" of Sit-to-Stand Height Adjustment
- 2 Foot Clearance
- 3 Casters
- 4 Pull-out Keyboard Platform with Tilt Feature
  - Wrist Rest
  - Mousing Area
- 5 Monitor Support
  - 5" of Height Adjustment
  - Cable Management
  - -10°/+20° Tilt
  - 180° Swivel
- 6 Handle
  - Battery Fuel Gauge
  - Keyboard Platform LED Light
  - Mute Button
  - On/Off Button
- 7 Barcode Holder
- 8 Height Adjustment Lever (was paddle handle)
- 9 Cord Hook
- 10 Integrated Cable Management



PICTURED ABOVE  
 Clio LCD Cart – C3 (Cloud)  
 Single-Wheel Shrouded Casters

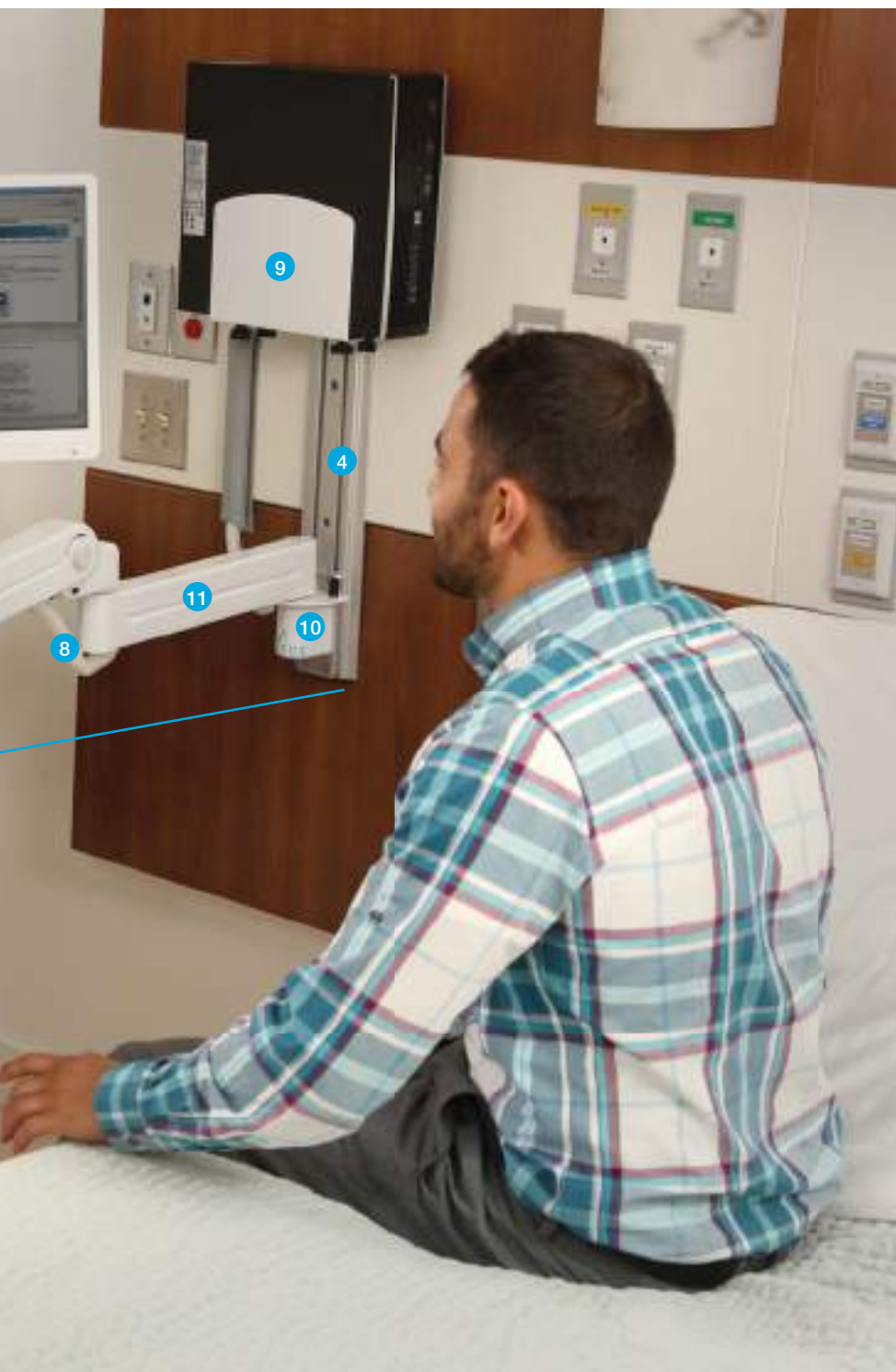
# care moves... off the wall.

Our REACH wall-mounted workstations allow the caregiver to sit or stand beside the patient with the ability to share information easily. The ability to swivel/rotate the workstation not only creates a healthy work environment for the caregiver, but also gives the patient a stress-free visit.



PICTURED ABOVE

REACH Independent LCD Swivel Workstation – RCLS-32-WKS-EX (Cloud)  
LT, 32" Track, Track Mounted CPU Holder – RC-CPU-21



- 1 59" Extension from the Wall Available
- 2 Flip-up Workstation (Stores 10" from the Wall)
- 3 Monitor Support
  - 13" of Height adjustment
  - +60°/-40° Tilt
  - 180° Swivel
- 4 Up to 48" of Height Adjustment
- 5 Slide-out Keyboard Platform with Mousing Area
- 6 Ergonomic Wrist Rest
- 7 Upper Shelf – Worksurface with Spill-proof Lip
- 8 Integrated Cable Management
- 9 Adjustable CPU Holder
- 10 Pivot Limiter
- 11 18" Extension Arm



care moves...



Clio Swap LCD Cart  
C7 (Cloud)

Clio Laptop Cart  
C1 (Cloud)

Clio LCD Cart  
C3 (Cloud)

Clio Plus LCD Cart  
C9 (Cloud)



November 2017



Technology Workstation Solutions — Med Delivery

18



ALTUS

cli   
med

Spec  
Guide



## EMR Med Delivery Cart, like no other.

ClioMed is the most ergonomic medication delivery solution on the market. Coupled with unsurpassed security and an intuitive design, clinicians will experience improved workflow while increasing patient satisfaction.

ClioMed can fit into various medication delivery workflows. Options ranging from Pharmacy to Clinician Fill:



## Option 1: Pharmacy Fill

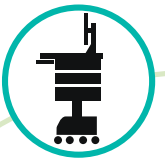


### Everything starts in the pharmacy.

Fill individually labeled patient bins with the required medication. Once they are in a bin, they will stay there until they reach the patient.



Place the bins in the transfer cart. Now, they are secured and can be transported to the departments!



Exchange the old bins and replenish with the new bins to ensure **NO hoarding** and **NO expired meds.**



The meds in the EMR carts are now near the patient and ready for the clinician when they need it!



Clinicians average **2-1/2 hours per shift** retrieving supplies! Drastically reduce this time and focus it back on the patient.



## Option 2: Clinician Fill

**Work in conjunction with your ADC's!**

Automated Dispensing Cabinets (ADC's) are a popular and efficient process, but often times they result in long lines, congested Med rooms and non-compliance as meds, are sometimes carried or stored in unsecured locations.

**What if you could eliminate those lines?**

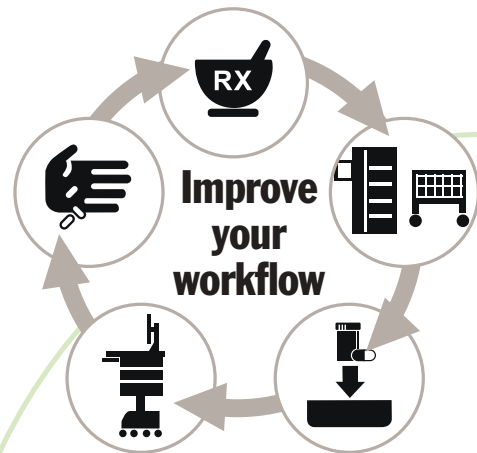
When a clinician starts their shift, they can wheel their ClioMed to the ADC and fill it with all 6 of their patient's medications. The meds have now transferred from your ADC to the cart and are secured with the clinician when they need it.

**Efficient and secure**

Tracking your med access every step of the way.



Clinicians walk over **5 miles per shift**. This often results in fatigue and errors in medication delivery as clinicians are distracted or taken away from the task at hand. Help make your nurses happy!



## Option 3: Hybrid Model

**Only want to store part of the required medication in the cart? Try the Hybrid Model.**

ADCs are often required for speciality medication and controlled substances, but perhaps you still have patient specific medication (inhalers, etc.) you want to manage through a bin transfer. Follow the pharmacy fill method and bring loaded transfer carts to a locked Medication Room or near the existing ADCs. When clinicians are collecting their patient medication, they can grab their bin and any excess items they need from the ADC.



**AC Power System - Lithium Iron Phosphate (LiFePO<sub>4</sub>) battery technology offers exceptional performance and a favorable return on investment. Continued workstation monitoring provides: visibility of charge level, charge time, battery status and its health.**

### Constant, Ready Power.

The Clio AC Powered System (150 Watt system) gives the user constant, “Ready Power”, even when using a depleted battery or no battery at all. **The Clio AC Powered System allows a cart to be fully functional while plugged into a wall receptacle. Batteries can be completely removed from the cart and the power system is still operable.** This dramatically increases the flexibility of the cart in a fast-paced hospital environment.

### Instant Use.

LiFePO<sub>4</sub> batteries initiate a “safe mode” when voltage drops below a certain threshold. This can be caused by leaving batteries off charge too long or leaving carts in storage without proper charging practices.

**The Clio AC Powered System has the ability to give the user “Instant Use” of their workstation by “jump starting” or reinitializing “safe mode” batteries.** This action allows the battery to regain full strength through charging. Saving our customer time and money.

### Smart charging.

The Clio AC Powered System performs tasks that greatly ease the burden on the cart user by automatically:

- Built-in intelligence to protect the battery
- Battery User Interface with On/Off Button and Low Battery Alarm Mute
- Easy access Data Logging and Power Management
- Advanced 3-Stage 10 Amp or 20 AMP Charger
- 120V VAC Universally Compatible Output Voltage
- 150 Watt Output Capacity
- Hospital Grade Coiled Power Plug
- 3 AC (NEMA 5-15) Outlets
- Integrated Cable Management



## Battery Chemistry Options

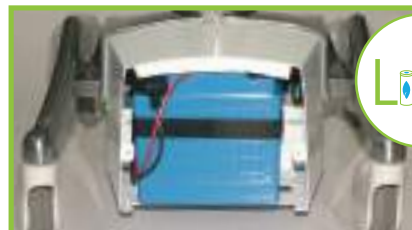


LITHIUM IRON  
PHOSPHATE BATTERY  
12.8V - 45 AMP/Hr. (AH)

- High energy density/Light weight (12.8 lbs.)
- Fast charging (100% recharge in 2 hours)
- High cycle life
- Maximum run time
- Safe & Durable
- Superior safety and abuse tolerance
- Built-in intelligence to protect the battery
- Lower cost of ownership for life of product
- 5 Year Warranty



120V VAC Universally Compatible Output Voltage  
150 Watt Output Capacity



12.8 V, 45 Amp/hr. (AH)  
LiFePO<sub>4</sub> (Lithium Iron Phosphate) Battery





## MPM Software Suite (ClinicView, TechView and FleetView)

Altus MPM software helps prevent workflow interruptions by supplying users with logged system performance, and proactive battery management. The software suite gives realtime information and alerts to keep a fleet of carts on the go. To maximize product effectiveness, it is recommended to utilize the MPM software.



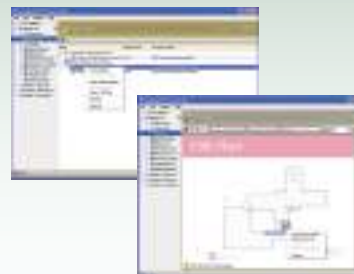
**ClinicView's** user friendly tool bar gives easy access viewing to battery and charging levels, battery health indicator, as well as overload alarm and low battery warnings. A simple but useful dashboard for nurses, clinicians, physician assistants, and other cart users.

- Installs on any mobile medical cart PC
- Operational with Windows, Linux, or Mac
- Reads mobile power status via USB
- Convenient on-screen tool tray icons



**TechView** cart servicers are able to view any cart on the LAN via Ethernet, giving real time diagnostics and audits:

- Controller and battery status
- View alarm history by date/time of event to assist in cart usage tracking and service diagnostics.
- The configuration tab is password protected to prevent inadvertent changes to cart asset information, battery configurations, warning thresholds etc.
- Event Log records date and time of all alarms and status indications
- Data Log reports the source of output power and key battery and power measures.



**(Optional) FleetView** lets you list and sort your information to include in reports. You can also view mobile carts via multi-level facility maps, or type/name of alarm. FleetView's elegantly simple rules engine called "Smart Groups" watches for and will send an email notification whenever conditions change. For example, one-click visibility of present and future service needs.

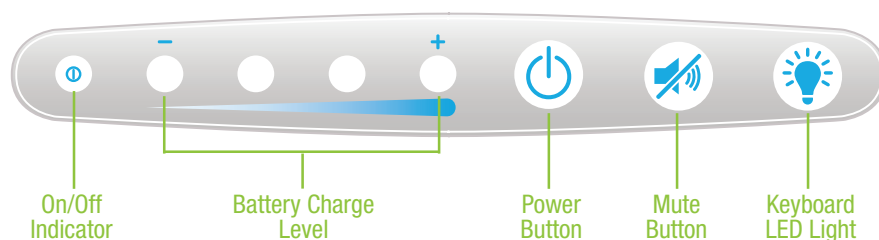
- Need Service Now Report – List of devices with active Service alerts – Battery or component faults.
- Need Service Soon Report – Report of devices that have battery life below defined threshold to allow budget planning/service rotation planning for battery replacement.

## ClioMed Battery User Interface

The easy-to-read battery user interface, which is located on the front surface of the cart handle, gives the user a real-time status of the battery. Each LED will illuminate in several sequences to indicate the approximate charge level of the battery.



- The first LED displays power on/off indicator
- LEDs two through five indicate charge level and correspond to a percent of charge range.
- Power Button (third to last button on right) - To power up, press and hold for 2 seconds, and the on/off Indicator will beep and power on. To power down, press and hold for 2 seconds, and the on/off Indicator will beep and power off.
- Power Alert Mute Button (second to last button on right) - If the battery level falls below 10% for LiFe Battery an alarm will sound. This button will mute the alarm.
- Keyboard LED Light (last button on right) - To turn on, press button. The light will automatically turn off after 5 minutes or if button is pressed again.





## Work Smart and Secure...

### Intuitive Touchscreen

Clinicians can easily view and access ClioMed drawers via the intuitive touchscreen.



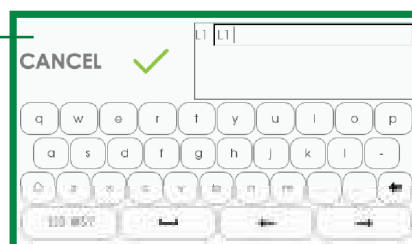
### Customize for your Workflow

Each unit can be standardized across the health system or customized to meet the needs of each specific department. All of this is supported through a Central Management Software (CMS) that can communicate with ClioMed's system wide.



### Individually Secured Drawers

Electronically identify drawers by patient name, room number or supply type. Drawer descriptions can be modified at the ClioMed or via the Central Management Software (CMS).



### Secure your Medication

All drawers auto-lock as soon as they are closed. Never leave a drawer unlocked, and help reduce alarm fatigue with a visual programmable alarm that will notify you when any drawer is left open.



### Manage your User Access

Multiple users can be added to the ClioMed system at the unit or via the Central Management Software (CMS). Categorize your users by job description, set access time credentials and define what is accessible to each user type.



### Audit Track who, what and when

The time and date a user accesses a specific drawer is stored on the central database. Information can be viewed on the ClioMed or via the Central Management Software (CMS) database.



### Everything in one

No additional software is required to get all the great features that make ClioMed secure and functional.

**The minute your product comes out of the box, they can be deployed to the patient floors.**



## Innovative features provide workflow efficiency and healthy working...



### Ergonomic:

- True sit-to-stand design (16" of height adjustment)
- Side-access drawer design enables caregivers to experience a smooth workflow (no bending) when accessing supplies within drawers/bins.
- Height adjustable to each user's preference

### Effective:

- Full visibility in every drawer
- Electronically identify individual drawers
- "Open all drawer function" ensures quick and easy restock



### Secure:

- Centrally managed credentialing
- Manage users locally or at a central location
- Individual drawer unlock with auto-locking
- Audit Tracking
- Silent visible alarms
- Locking technology storage area



### Functional:

- Removable bins
- Flexible, durable, adjustable bin divider system
- Seamless construction simplifies cleaning



### Smart:

- Intuitive touchscreen access. Complies with wearing of gloves.
- Ready to use out of the box!



## Innovative features provide workflow efficiency and healthy working...



### Ascend EL Up/Down Electric Lift Button

The Electronic Lift is equipped with an easy to read and use electric lift buttons.

To use, simply press and hold the up or down arrow buttons, release when the cart has moved to the desired height.

Note: The cart does not need to be turned on to adjust the electric lift.



### Height Adjustable LCD Monitor Support (FSA-5):

Internal Cable Management

Dimensions: 14.75" H x 3.75" W x 5"D

5.5" of Height Adjustment: 9.25" - 14.75" (measured from middle of VESA plate to the base of monitor support)

+20°/-10° of Tilt

+/- 180° of Front/Back Rotation

75mm/100mm VESA Standard Positions

**13 lb. Maximum Weight Limit**

### All-in-One PC Monitor Support (FSA-9): Not Shown

Internal Cable Management

Dimensions: 10.75" H x 3.75" W x 5"D - (measured from middle of VESA plate to the base of monitor support)

**Fixed Height**

+90°/-6° of Tilt

+/- 180° of Front/Back Rotation

75mm/100mm VESA Standard Positions

**20 lb. Maximum Weight Limit**



### Large Worksurface Area:

The large 20"W x 21"D worksurface provides caregivers with ample space for multiple tasks.



### Small Footprint:

With just an 18.5" wide footprint, ClioMed fits into tight spaces and has ample foot clearance.

## Choose a casters that fits your application...



**Perfect choice when seeking maximum mobility:**

**Single-Wheel Shrouded Casters:**  
4"/100mm Highly Mobile  
2 Locking/2 Non-Locking

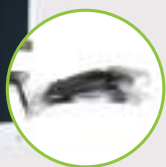


**Perfect choice when going floor-to-floor and traversing elevator thresholds:**

**Dual-Wheel Caster:**  
4"/100mm Mobile Caster  
2 Locking/2 Non-Locking



## ClioMed Key Features



### **Pull-out Keyboard Platform:**

Dimensions: 23"W x 8.75" D  
0°/-20° of Tilt  
One-Piece Design  
Contoured Wrist Rest  
Extends 4"  
Safety-release Hinge



### **Mousing Surface:**

Dimensions: 8"W x 6.5" D  
Cable-stay feature in right and left corners of keyboard platform.  
Works with optical mice.



### **Handle with LED Light:**

A LED Light from the handle illuminates the keyboard platform in dimly lit areas.

Equipped with a 5 minute timeout feature If a user forgets to turn the light off.



### **Technology Storage Area:**

Large, purposeful storage area easily stores technology components (i.e. thin clients) on the right side and allows easy access to cables and management of them on the left side.

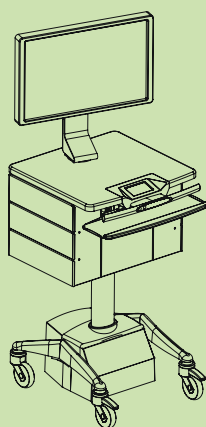
Right Side Area Dimensions:  
2 - 2.5"W x 8.375 - 10"H x 10"D

3-Outlet Power Strip included on left side.



## ClioMed LCD Cart M3

Model Number	Worksurface Dimensions	Base Dimensions	Weight
<b>M3-0114-Z</b>	<b>20"D x 21"W</b>	<b>18.5"W x 21.5"D</b>	<b>145 lbs.</b>
Z = Single Wheel Shrouded Casters (M3-YYYY-1), Dual Wheel Casters (M3-YYYY-2), 0114 = Worksurface color is Glacier White.			



### Key Adjustability Features:

#### Cart Height Adjustment:

31 1/2" - 47 1/2"  
(16" of Sit-to-Stand Height Adjustability)

#### Keyboard Platform Height Adjustment:

27.5" - 47.5"

#### Monitor Support Height Adjustment:

9 1/4" - 14 3/4" (from middle of  
VESA plate to base of monitor support)  
(5.5" of Height Adjustment)

### Choose the right casters for you application:

OR

#### (Base) **CHOICE 1: M3-0114-1** (Perfect Choice for Maximum Mobility)

Ascend EL Height Adjustable Base  
Integrated Cable Management  
45 Ah LiFePO4 Battery System  
**4"/100mm Shrouded Casters**  
2 Locking / 2 Non-Locking



#### (Base) **CHOICE 2: M3-0114-2** (Perfect Choice for floor-to floor and traversing elevator thresholds)

Ascend EL Height Adjustable Base  
Integrated Cable Management  
45 Ah LiFePO4 Battery System  
**4"/100mm Dual Wheel Casters**  
2 Locking / 2 Non-Locking



### Drawer System

3/4" 3D Laminate  
21"W x 21"D Worksurface w/ Integrated Touchscreen  
6 Drawer, Side Opening, Cabinet (3 on each side)  
6 Removable Bins with Adjustable Dividers  
(2 dividers per bin)  
Keyed Lock Technology Storage Area (HIPAA Compliant)  
Handle with Battery User Interface (HW)  
Equipped with LED Light  
Up/Down Electronic Lift Button  
Manual Override Drawer Access System



### Included Accessories

#### • Height Adjustable

##### **LCD Monitor Support - FSA-5**

Vesa Standard 75mm/100mm  
with Quick Mount Plate  
Tilt Range: -20°/+10°  
+/- 180 Degrees Front/Back Rotation

##### **5.5" Height Adjustment**

Integrated Cable Management

**Maximum 13 lb. Weight Limit**



#### • Keyboard Platform and Mousing - KBP

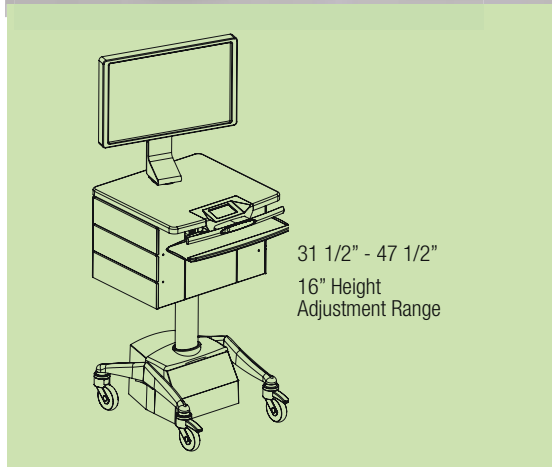
One-Piece Design  
Left/Right Mousing Area and  
Cable Management  
Mousing Area: 6"H x 8"W  
Dimensions: 23"W x 7.5"D  
1/2" walls of keyboard platform  
prevent keyboard and mouse  
from falling off  
Intuitive 0 /-20 degrees Tilting  
Keyboard Platform Extends 4"  
Contoured Wristrest



# ClioMed All-in-One PC Cart M5

Model Number	Worksurface Dimensions	Base Dimensions	Weight
<b>M5-0114-Z</b>	<b>20"D x 21"W</b>	<b>18.5"W x 21.5"D</b>	<b>145 lbs.</b>

Z = Single Wheel Shrouded Casters (M5-YYYY-1), Dual Wheel Casters (M5-YYYY-2), 0114 = Worksurface color is Glacier White.



## Key Adjustability Features:

### Cart Height Adjustment:

31 1/2" - 47 1/2"

(16" of Sit-to-Stand Height Adjustability)

### Keyboard Platform Height Adjustment:

27.5" - 47.5"

### Monitor Support Height Adjustment:

Fixed Height (10 3/4" High)

ANSI/BIFMA & CARB 93120 Compliant

## Choose the right casters for you application:

OR

### (Base) **CHOICE 1: M5-0114-1** (Perfect Choice for Maximum Mobility)

Ascend EL Height Adjustable Base  
Integrated Cable Management  
45 Ah LiFePO4 Battery System

**4"/100mm Shrouded Casters**  
2 Locking / 2 Non-Locking

### (Base) **CHOICE 2: M5-0114-2** (Perfect Choice for floor-to floor and traversing elevator thresholds)

Ascend EL Height Adjustable Base  
Integrated Cable Management  
45 Ah LiFePO4 Battery System

**4"/100mm Dual Wheel Casters**  
2 Locking / 2 Non-Locking

## Drawer System

3/4" 3D Laminate  
21"W x 21"D Worksurface w/ Integrated Touchscreen  
6 Drawer, Side Opening, Cabinet (3 on each side)  
6 Removable Bins with Adjustable Dividers  
(2 dividers per bin)  
Keyed Lock Technology Storage Area (HIPAA Compliant)  
Handle with Battery User Interface (HW)  
Equipped with LED Light  
Up/Down Electronic Lift Button  
Manual Override Drawer Access System

## Included Accessories

### • All-in-One PC Monitor Support - FSA-9

Vesa Standard 75mm/100mm  
with Quick Mount Plate  
Tilt Range: -90°/+6°  
+/- 180 Degrees Front/Back Rotation

### Fixed Height

Integrated Cable Management  
**20 lb. Maximum Weight Limit**

### • Keyboard Platform and Mousing - KBP

One-Piece Design  
Left/Right Mousing Area and  
Cable Management  
Mousing Area: 6"H x 8"W  
Dimensions: 23"W x 7.5"D  
1/2" walls of keyboard platform  
prevent keyboard and mouse  
from falling off  
Intuitive 0 / -20 degrees Tilting  
Keyboard Platform Extends 4"  
Contoured Wristrest



ClioMed Cart



## Optional accessories specifically for your Workflow.

Accessories that can be configured to ensure an efficient workflow and improve productivity. Altus' **ClioMed Accessories** do just that.

Select from the following accessories to see how productive you can be tomorrow.



ClioMed Accessories

### MB-1

ClioMed Single Bin

Weight: 1 lbs.

Bins (individual)



4.35"W x 2.62"H x 12.372"D  
Front Label Insert Area fits business card size label, sold separately.  
Includes 2 Adjustable Bin Dividers  
White Finish

### MB-6

ClioMed Bin (6 Pack)

Weight: 6 lbs.

Bins (6 Pack)



4.35"W x 2.62"H x 12.372"D  
Front Label Insert Area fits business card size label, sold separately.  
Includes 2 Adjustable Bin Dividers  
White Finish

### MBD-6

ClioMed Adjustable Bin Divider (6 Pack)

Weight: 3 lbs.

Dividers (6 Pack)



4.4"W x 2.397"H x .5"D  
Adjustable tabs helps with relocation of spacing within bin.  
White Finish

### BCH-14

Adjustable Cordless Bar Code Holder

Weight: .5 lbs.

Bar Code Holders



Extends from 10"W to 12"W  
For Right Hand, Left Hand  
and Top Mount uses  
VESA Bracket Monitor Mount  
Platinum (PL) Finish

### BCH-15

Bar Code and Charging Base Holder

Weight: .5 lbs.



4.5"W x 3.3"H x 6"D  
Rear Worksurface Mount  
White Finish

Sani-Wipe Bracket Holder

### SWM-1

ClioMed Sani-Wipe Bracket Holder

Weight: 1 lbs.



Bracket Holds Sani-Wipe Bracket & Canister  
(designed to work with PDI 3-in-1  
Universal Sani-bracket, #P010901)  
Bracket Dimensions: 3.5" W x 2.8"H  
Rear Worksurface Mount  
White Finish



1. Select your base cart:



M3-0114-Z



M5-0114-Z

2. Select additional accessories:



MB-1



BCH-14

3. Don't see the exact cart you want to specify?

**Contact Altus Customer Support at 888.537.1311.**

Custom product: If you do not see the exact cart you want to specify, contact Altus Customer Support to discuss custom capabilities.

When selecting additional accessories, please call customer support for exact placement, positioning and accessory limitations.

4. Include freight estimate from Altus.

5. Email your purchase order to Altus:

**Email: [sales@altus-inc.com](mailto:sales@altus-inc.com)**



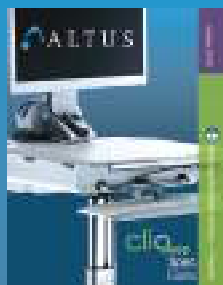
Warranty



## A complete product offering



Mobile Technology Workstations  
Powered - Clio



Mobile Technology Workstations  
Powered - Clio Swap



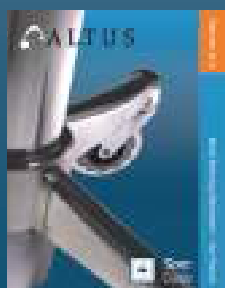
Mobile Technology Workstations  
Powered - Clio Plus



Mobile Technology Workstations  
Med Delivery - ClioMed



Wall-Mounted  
Technology Workstations  
Med Delivery - RediMed



Mobile Technology Workstations  
Non-Powered



Wall-Mounted  
Technology Workstations  
Reach



Wall-Mounted  
Technology Workstations  
Input



care moves...



Clio Swap LCD Cart  
C7 (Cloud)

Clio Laptop Cart  
C1 (Cloud)

Clio LCD Cart  
C3 (Cloud)

Clio Plus LCD Cart  
C9 (Cloud)

SIN	Part Number	Manufacturer	Product Description	FSS Price	UOM As Priced	Date Effective	End Date
A-2B	281020557-288	HR Pharmaceuticals	Surgilube® 31g (1.09 oz.) folipac® - Sterile	\$304.64	12 ea/bx - 12 bx/cs	1/15/19	1/14/24
A-2B	201	HR Pharmaceuticals	HR® Sterile Lubricating Jelly 4oz. Flip-Top Tube	\$93.67	12 ea/bx - 6 bx/cs	1/15/19	1/14/24
A-2B	203	HR Pharmaceuticals	HR® Sterile Lubricating Jelly 2oz. Flip-Top Tube	\$110.08	12 ea/bx - 8 bx/cs	1/15/19	1/14/24
A-2B	205	HR Pharmaceuticals	HR® Sterile Lubricating Jelly 1.25oz. OneShot®	\$179.61	48 ea/bx - 6 bx/cs	1/15/19	1/14/24
A-2B	205ST	HR Pharmaceuticals	HR® Sterile Lubricating Jelly 1.25oz. OneShot® SafeWrap™	\$210.73	50 ea/bx - 4 bx/cs	1/15/19	1/14/24
A-2B	207	HR Pharmaceuticals	HR® Sterile Lubricating Jelly 3g OneShot®	\$45.57	144 ea/bx - 6 bx/cs	1/15/19	1/14/24
A-2B	208	HR Pharmaceuticals	HR® Sterile Lubricating Jelly 3g OneShot® CarePac™	\$96.20	30 ea/bx - 48 bx/cs	1/15/19	1/14/24
A-2B	209	HR Pharmaceuticals	HR® Sterile Lubricating Jelly 5g OneShot®	\$61.75	144 ea/bx - 6 bx/cs	1/15/19	1/14/24
A-2B	211-576	HR Pharmaceuticals	HR® Sterile Lubricating Jelly 2X 1.25oz. OneShot® (Bulk Pack)	\$320.67	576 ea/cs	1/15/19	1/14/24
A-2B	280	HR Pharmaceuticals	EcoVue® Ultrasound Gel 20g Packet SafeWrap® - Sterile - 48 ea/bx - 6 bx/cs	\$256.54	100 ea/bx - 8 bx/cs	1/15/19	1/14/24
A-2B	281	HR Pharmaceuticals	EcoVue® Ultrasound Gel 20g Packet Non-Sterile 100 ea/bx - 6 bx/cs	\$84.39	50 ea/bx - 4 bx/cs	1/15/19	1/14/24
A-2B	282	HR Pharmaceuticals	EcoVue® Ultrasound Gel 32g (1.13 oz.) FlexPac® SafeWrap® - Sterile 48 ea/bx - 6 bx/cs	\$285.24	48 ea/bx - 6 bx/cs	1/15/19	1/14/24
A-2B	283	HR Pharmaceuticals	EcoVue® Ultrasound Gel 60g (1.13 oz.) FlexPac® Non-Sterile - 100 ea/bx - 4 bx/cs	\$110.17	50 ea/bx - 4 bx/cs	1/15/19	1/14/24
A-2B	284	HR Pharmaceuticals	EcoVue® Ultrasound Gel 60g (2.12 oz.) Flip-Top Tube Non-Sterile - 12 ea/bx - 12 bx/cs	\$146.83	24 ea/bx - 8 bx/cs	1/15/19	1/14/24
A-2B	285	HR Pharmaceuticals	EcoVue® Ultrasound Gel 250g (8.82 oz.) FlexPac® Non-Sterile - 12 ea/bx - 12 bx/cs	\$97.89	12 ea/bx - 6 bx/cs	1/15/19	1/14/24
A-2B	289	HR Pharmaceuticals	Accclimate® Gel Warmer - 4 ea/cs	\$844.21	4 ea/cs	1/15/19	1/14/24
A-2B	281020582	HR Pharmaceuticals	Surgilube® 2oz. Screw Cap Metal Tube - Sterile	\$253.17	12 ea/bx - 12 bx/cs	1/15/19	1/14/24
A-2B	281020512	HR Pharmaceuticals	Surgilube® 2oz. Flip-Top Tube - Sterile	\$266.66	12 ea/bx - 12 bx/cs	1/15/19	1/14/24
A-2B	281020536	HR Pharmaceuticals	Surgilube® 4.25oz. Screw Cap Metal Tube - Sterile	\$201.69	12 ea/bx - 6 bx/cs	1/15/19	1/14/24
A-2B	281020537	HR Pharmaceuticals	Surgilube® 4.25oz. Flip-Top Tube - Sterile	\$203.38	12 ea/bx - 6 bx/cs	1/15/19	1/14/24
A-2B	281020543	HR Pharmaceuticals	Surgilube® 3g folipac® - Sterile	\$196.67	144 ea/bx - 12 bx/cs	1/15/19	1/14/24
A-2B	281020545	HR Pharmaceuticals	Surgilube® 5g folipac® - Sterile	\$150.98	144 ea/bx - 6 bx/cs	1/15/19	1/14/24
A-2B	281020555	HR Pharmaceuticals	Surgilube® 5g Snap-Off Tip Metal Tube - Sterile	\$644.16	48 ea/bx - 3 bx/ctn - 4 ctn/cs	1/15/19	1/14/24
A-10	GIS-1-M	GI-Supply	GIS-1-M BlueBloc Master	\$139.25	Box of 100	1/15/19	1/14/24
A-10	GIS-1-D	GI-Supply	GIS-1-D BlueBloc Dispenser	\$39.35	Box of 25	1/15/19	1/14/24
A-10	GIS-2-M	GI-Supply	GIS-2-M MediaBloc Master	\$248.21	Box of 100	1/15/19	1/14/24
A-10	GIS-2-D	GI-Supply	GIS-2-D MediaBloc Dispenser	\$66.59	Box of 25	1/15/19	1/14/24
A-10	GIS-3-M	GI-Supply	GIS-3-M GeneraBloc Master	\$248.21	Box of 100	1/15/19	1/14/24
A-10	GIS-3-D	GI-Supply	GIS-3-D GeneraBloc Dispenser	\$66.59	Box of 25	1/15/19	1/14/24
A-10	GIS-4-M	GI-Supply	GIS-4-M UltimaBloc Master	\$351.13	Box of 100	1/15/19	1/14/24
A-10	GIS-4-D	GI-Supply	GIS-4-D UltimaBloc Dispenser	\$96.86	Box of 25	1/15/19	1/14/24
A-10	GIS-11M	GI-Supply	GIS-11M OmniBloc Master	\$248.21	Box of 100	1/15/19	1/14/24
A-10	GIS-11D	GI-Supply	GIS-11D OmniBloc Dispenser	\$66.59	Box of 25	1/15/19	1/14/24
A-33A	GIS-7-SM	GI-Supply	GIS-7-SM MoonPants S/M	\$193.73	Box of 50	1/15/19	1/14/24
A-33A	GIS-7-ML	GI-Supply	GIS-7-ML MoonPants M/L	\$193.73	Box of 50	1/15/19	1/14/24
A-33A	GIS-7-XL	GI-Supply	GIS-7-XL MoonPants XL	\$199.78	Box of 45	1/15/19	1/14/24
A-33A	GIS-13	GI-Supply	GIS-13 MoonPants Long	\$302.70	Box of 50 (1 Size)	1/15/19	1/14/24
A-33A	GIS-8-ML	GI-Supply	GIS-8-ML Defenz M/L	\$254.27	Box of 50	1/15/19	1/14/24
A-33A	GIS-8-XL	GI-Supply	GIS-8-XL Defenz XL	\$254.27	Box of 45	1/15/19	1/14/24
A-33A	GIS-8MLC	GI-Supply	GIS-8MLC Defenz w/cuff M/L	\$266.37	Box of 50	1/15/19	1/14/24
A-33A	GIS-8XLC	GI-Supply	GIS-8XLC Defenz w/cuff XL	\$266.37	Box of 45	1/15/19	1/14/24
A-33A	SL-9XS	GI-Supply	SL-9XS SportShorts XS	\$127.14	Box of 50	1/15/19	1/14/24
A-33A	SL-9SM	GI-Supply	SL-9SM SportShorts S/M	\$127.14	Box of 50	1/15/19	1/14/24
A-33A	SL-9ML	GI-Supply	SL-9ML SportShorts M/L	\$127.14	Box of 50	1/15/19	1/14/24
A-33A	SL-9XL	GI-Supply	SL-9XL SportShorts XL	\$127.14	Box of 45	1/15/19	1/14/24
A-33A	SL-12	GI-Supply	SL-12 SportShirt	\$224.00	Box of 50 (1 Size)	1/15/19	1/14/24
A-19	GIS-22M	GI-Supply	GIS-22M HpFast Master	\$314.80	Box of 50	1/15/19	1/14/24
A-19	GIS-22D	GI-Supply	GIS-22D HpFast Dispenser	\$133.19	Box of 20	1/15/19	1/14/24
A-19	GIS-62-2ML	GI-Supply	GIS-62-2ML Urease	\$18.16	EA	1/15/19	1/14/24
A-19	GIS-64M	GI-Supply	GIS-64M HpOne Master	\$314.80	Box of 50	1/15/19	1/14/24
A-19	GIS-64D	GI-Supply	GIS-64D HpOne Dispenser	\$133.19	Box of 20	1/15/19	1/14/24
A-21B	GIS-16	GI-Supply	GIS-16 ScopeTote	\$54.48	Box of 25	1/15/19	1/14/24
A-19	GIS-27	GI-Supply	GIS-27 RenovaRP Pump	\$9,080.95	EA	1/15/19	1/14/24
A-18A	GIS-28	GI-Supply	GIS-28 Procedure Tray	\$575.13	Box of 5	1/15/19	1/14/24
A-21B	GIS-29	GI-Supply	GIS-29 Bags	\$205.84	Box of 20	1/15/19	1/14/24
A-11C	GIS-18	GI-Supply	GIS-18 Catheter Set	\$2,118.89	Box of 5	1/15/19	1/14/24
A-11C	GIS-51	GI-Supply	GIS-51 One Unit - Single Lumen push catheter 6F	\$14.62	EA	1/15/19	1/14/24
A-11C	GB-7-12	GI-Supply	GB-7-12 One Unit Biliary catheter	\$84.75	EA	1/15/19	1/14/24
A-11C	GB-10-15	GI-Supply	GB-10-15 One Unit Biliary catheter	\$84.75	EA	1/15/19	1/14/24
A-11C	G7-5-PW	GI-Supply	G7-5-PW One Unit Pigtail with Flap catheter	\$73.86	EA	1/15/19	1/14/24
A-11C	G&7-PW	GI-Supply	G7-7-PW One Unit Pigtail with flap catheter	\$73.86	EA	1/15/19	1/14/24
A-11C	G7-9-PW	GI-Supply	G7-9-PW One Unit Pigtail with flap catheter	\$73.86	EA	1/15/19	1/14/24
A-11C	G7-12-PW	GI-Supply	G7-12-PW One Unit Pigtail with flap catheter	\$73.86	EA	1/15/19	1/14/24
A-11C	G5-3-2B	GI-Supply	G5-3-2B One Unit Double flap catheter	\$73.86	EA	1/15/19	1/14/24
A-11C	G5-7-2B	GI-Supply	G5-7-2B One Unit Double flap catheter	\$73.86	EA	1/15/19	1/14/24
A-11C	G7-3-2B	GI-Supply	G7-3-2B One Unit Double flap catheter	\$73.86	EA	1/15/19	1/14/24
A-11C	G7-5-2B	GI-Supply	G7-5-2B One Unit Double flap catheter	\$73.86	EA	1/15/19	1/14/24
A-11C	G5-7-2B	GI-Supply	G7-7-2B One Unit Double flap catheter	\$73.86	EA	1/15/19	1/14/24
A-17	901	Surgical Specialties	SSC BoneWax Yellow; 2.5 grams	\$64.69	Box	1/15/19	1/14/24
A-17	902	Surgical Specialties	SSC BoneWax Beige; 2.5 grams	\$64.69	Box	1/15/19	1/14/24
A-17	903	Surgical Specialties	SSC BoneWax White; 2.5 grams	\$64.69	Box	1/15/19	1/14/24
A-17	JA-1001Q	Surgical Specialties	Quill Polypropylene, 2, 14cm x 14cm, Clear, 1/2 Circle, Reverse Cutting, 26mm, bi-directional	\$243.30	Box	1/15/19	1/14/24
A-17	JA-1005Q	Surgical Specialties	Quill Polypropylene, 1, 14cm x 14cm, Clear, 1/2 Circle, Reverse Cutting, 26mm, bi-directional	\$243.30	Box	1/15/19	1/14/24
A-17	JA-1006Q	Surgical Specialties	Quill Polypropylene, 2-6, 7cm x 7cm, Clear, 3/8 Circle, Reverse Cutting, 26mm, bi-directional	\$186.67	Box	1/15/19	1/14/24
A-17	JA-1007Q	Surgical Specialties	Quill Polypropylene, 2, 24cm x 24cm, Clear, 1/2 Circle, Taper Point, 36mm, bi-directional	\$304.27	Box	1/15/19	1/14/24
A-17	JA-1050Q	Surgical Specialties	Quill Polypropylene, 1, 14cm x 14cm, Clear, 1/2 Circle, Taper Point, 22mm, bi-directional	\$304.27	Box	1/15/19	1/14/24
A-17	JA-2007Q	Surgical Specialties	Quill Polypropylene, 2, 45cm x 45cm, Clear, 1/2 Circle, Taper Point, 36mm, bi-directional	\$336.22	Box	1/15/19	1/14/24
A-17	KT-1000	Surgical Specialties	Quill R.A.P. Kit; (1 ea) VLP-2015, (2 ea) VP-2000Q, (1 ea) VLM-2005; (2 ea) Y427N	\$131.56	Box	1/15/19	1/14/24
A-17	RA-1000Q	Surgical Specialties	Quill PDO, 0, 14cm x 14cm, Violet, 1/2 Circle, Taper Point, 36mm, bi-directional	\$243.30	Box	1/15/19	1/14/24
A-17	RA-1001Q	Surgical Specialties	Quill PDO, 0, 14cm x 14cm, Violet, 1/2 Circle, Reverse Cutting, 18mm, bi-directional	\$243.30	Box	1/15/19	1/14/24
A-17	RA-1002Q	Surgical Specialties	Quill PDO, 2-0, 3.5cm x 3.5cm, Violet, 3/8 Circle, Reverse Cutting, 18mm, bi-directional	\$138.68	Box	1/15/19	1/14/24
A-17	RA-1003Q	Surgical Specialties	Quill PDO, 1, 14cm x 14cm, Violet, 1/2 Circle, Taper Point, 36mm, bi-directional	\$243.30	Box	1/15/19	1/14/24
A-17	RA-1004Q	Surgical Specialties	Quill PDO, 1, 14cm x 14cm, Violet, 1/2 Circle, Reverse Cutting, 26mm, bi-directional	\$243.30	Box	1/15/19	1/14/24
A-17	RA-1005Q	Surgical Specialties	Quill PDO, 2, 14cm x 14cm, Violet, 1/2 Circle, Taper Point, 36mm, bi-directional	\$243.30	Box	1/15/19	1/14/24
A-17	RA-1006Q	Surgical Specialties	Quill PDO, 2, 14cm x 14cm, Violet, 1/2 Circle, Reverse Cutting, 26mm, bi-directional	\$243.30	Box	1/15/19	1/14/24
A-17	RA-1007Q	Surgical Specialties	Quill PDO, 2-0, 7cm x 7cm, Violet, 3/8 Circle, Reverse Cutting, 18mm, bi-directional	\$186.67	Box	1/15/19	1/14/24
A-17	RA-1008Q	Surgical Specialties	Quill PDO, 3-0, 3.5cm x 3.5cm, Violet, 3/8 Circle, Reverse Cutting, 18mm, bi-directional	\$138.68	Box	1/15/19	1/14/24
A-17	RA-1010Q	Surgical Specialties	Quill PDO, 3-0, 7cm x 7cm, Violet, 3/8 Circle, Reverse Cutting, 18mm, bi-directional	\$186.67	Box	1/15/19	1/14/24
A-17	RA-1012Q-0	Surgical Specialties	Quill PDO, 4-0, 7cm x 7cm, Violet, 3/8 Circle, Reverse Cutting, 18mm, bi-directional	\$186.67	Box	1/15/19	1/14/24
A-17	RA-1013Q	Surgical Specialties	Quill PDO, 2-0, 7cm x 7cm, Violet, Straight, Taper Cutting, 50mm, bi-directional	\$186.67	Box	1/15/19	1/14/24
A-17	RA-1015Q	Surgical Specialties	Quill PDO, 0, 7cm x 7cm, Violet, 3/8 Circle, Reverse Cutting, 26mm, bi-directional	\$186.67	Box	1/15/19	1/14/24
A-17	RA-1016Q	Surgical Specialties	Quill PDO, 2-0, 7cm x 7cm, Violet, 3/8 Circle, Reverse Cutting, 26mm, bi-directional	\$186.67	Box	1/15/19	1/14/24
A-17	RA-1017Q	Surgical Specialties	Quill PDO, 3-0, 7cm x 7cm, Violet, 3/8 Circle, Reverse Cutting, 12mm, bi-directional	\$186.67	Box	1/15/19	1/14/24
A-17	RA-1019Q-0	Surgical Specialties	Quill PDO, 0, 14cm x 14cm, Violet, 3/8 Circle, Reverse Cutting, 26mm, bi-directional	\$243.30	Box	1/15/19	1/14/24
A-17	RA-1020Q-0	Surgical Specialties	Quill PDO, 2-0, 14cm x 14cm, Violet, 3/8 Circle, Reverse Cutting, 26mm, bi-directional	\$243.30	Box	1/15/19	1/14/24
A-17	RA-1021Q	Surgical Specialties	Quill PDO, 3-0, 14cm x 14cm, Violet, 3/8 Circle, Reverse Cutting, 26mm, bi-directional	\$243.30	Box	1/15/19	1/14/24
A-17	RA-1023Q	Surgical Specialties	Quill PDO, 0, 7cm x 7cm, Violet, Straight, Taper Cutting, 50mm, bi-directional	\$186.67	Box	1/15/19	1/14/24
A-17	RA-1024Q	Surgical Specialties	Quill PDO, 1, 7cm x 7cm, Violet, Straight, Taper Cutting, 50mm, bi-directional	\$186.67	Box	1/15/19	1/14/24
A-17	RA-1028Q-0	Surgical Specialties	Quill PDO, 2-0, 24cm x 24cm, Violet, 3/8 Circle, Reverse Cutting, 26mm, bi-directional	\$304.27	Box	1/15/19	1/14/24
A-17	RA-1029Q	Surgical Specialties	Quill PDO, 0, 24cm x 24cm, Violet, 1/2 Circle, Taper Point, 36mm, bi-directional	\$304.27	Box	1/15/19	1/14/24
A-17	RA-1030Q-0	Surgical Specialties	Quill PDO, 0, 24cm x 24cm, Violet, 3/8 Circle, Reverse Cutting, 26mm, bi-directional	\$304.27	Box	1/15/19	1/14/24
A-17	RA-1031Q	Surgical Specialties	Quill PDO, 1, 24cm x 24cm, Violet, 1/2 Circle, Taper Point, 36mm, bi-directional	\$304.27	Box	1/15/19	1/14/24
A-17	RA-1032Q	Surgical Specialties	Quill PDO, 1, 24cm x 24cm, Violet, 1/2 Circle, Reverse Cutting, 26mm, bi-directional	\$304.27	Box	1/15/19	1/14/24
A-17	RA-1033Q	Surgical Specialties	Quill PDO, 2, 24cm x 24cm, Violet, 1/2 Circle, Taper Point, 36mm, bi-directional	\$304.27	Box	1/15/19	1/14/24
A-17	RA-1034Q	Surgical Specialties	Quill PDO, 2, 24cm x 24cm, Violet, 1/2 Circle, Reverse Cutting, 26mm, bi-directional	\$304.27	Box	1/15/19	1/14/24
A-17	RA-1036Q-0	Surgical Specialties	Quill PDO, 2-0, 24cm x 24cm, Violet, 3/8 Circle, Reverse Cutting, 18mm, bi-directional	\$304.27	Box	1/15/19	1/14/24
A-17	RA-1046Q	Surgical Specialties	Quill PDO, 2-0, 14cm x 14cm, Violet, 3/8 Circle, Reverse Cutting, 18mm, bi-directional	\$243.30	Box	1/15/19	1/14/24
A-17	RA-1050Q-0	Surgical Specialties	Quill PDO, 3-0, 14cm x 14cm, Violet, 3/8 Circle, Reverse Cutting, 18mm, bi-directional	\$243.30	Box	1/15/19	1/14/24
A-17	RA-1051Q-0	Surgical Specialties	Quill PDO, 3-0, 24cm x 24cm, Violet, 3/8 Circle, Reverse Cutting, 18mm, bi-directional	\$304.27	Box	1/15/19	1/14/24





A-17	A258NS	Surgical Specialties	Nylon, 5-0, Black, 9", DSM12, 3/8 Circle Precision Reverse Cutting 12mm	\$139.55	Box	1/15/19	1/14/24
A-17	A566D	Surgical Specialties	SSC Nylon; Black Monofilament; 5-0; 18in/45cm; Precision Reverse Cutting; : 19mm; 3/8 Circle	\$418.63	Box	1/15/19	1/14/24
A-17	A627N	Surgical Specialties	Nylon, 3-0, Black, 30", GS60, Straight Straight Cutting 60mm	\$139.55	Box	1/15/19	1/14/24
A-17	A661D	Surgical Specialties	Dsm19 5-0 Bk Mono Nyl 18"/45cm	\$418.63	Box	1/15/19	1/14/24
A-17	A661N	Surgical Specialties	Nylon, 5-0, Black, 18", DSM19, 3/8 Circle Precision Reverse Cutting 19mm	\$139.55	Box	1/15/19	1/14/24
A-17	A661NS	Surgical Specialties	Nylon, 5-0, Black, 10", DS18, 3/8 Circle Reverse Cutting 19mm	\$139.55	Box	1/15/19	1/14/24
A-17	A662D	Surgical Specialties	Nylon, 4-0, Black, 18", DSM19, 3/8 Circle Precision Reverse Cutting 19mm	\$418.63	Box	1/15/19	1/14/24
A-17	A662N	Surgical Specialties	Nylon, 4-0, Black, 18", DSM19, 3/8 Circle Reverse Cutting 19mm	\$139.55	Box	1/15/19	1/14/24
A-17	A662NS	Surgical Specialties	SSC Nylon; Black Monofilament; 4-0; 10in/25cm; Precision Reverse Cutting; : 19mm; 3/8 Circle	\$139.55	Box	1/15/19	1/14/24
A-17	A663N	Surgical Specialties	Nylon, 3-0, Black, 18", DSM24, 3/8 Circle Reverse Cutting 24mm	\$139.55	Box	1/15/19	1/14/24
A-17	A664N	Surgical Specialties	Nylon, 2-0, Black, 18", DSM26, 3/8 Circle Reverse Cutting 26mm	\$139.55	Box	1/15/19	1/14/24
A-17	A667N	Surgical Specialties	Nylon, 5-0, Black, 18", DSM12, 3/8 Circle Reverse Cutting 12mm	\$139.55	Box	1/15/19	1/14/24
A-17	A668N	Surgical Specialties	Nylon, 5-0, Black, 18", DS12, 3/8 Circle Reverse Cutting 12mm	\$139.55	Box	1/15/19	1/14/24
A-17	A668NS	Surgical Specialties	Nylon, 5-0, Clear, 10", DS12, 3/8 Circle Reverse Cutting 12mm	\$139.55	Box	1/15/19	1/14/24
A-17	A669D	Surgical Specialties	Dsm24 3-0 Bk Mono Nyl 30"/75cm	\$418.63	Box	1/15/19	1/14/24
A-17	A669N	Surgical Specialties	Nylon, 3-0, Black, 30", DSM24, 3/8 Circle Reverse Cutting 24mm	\$139.55	Box	1/15/19	1/14/24
A-17	A690N	Surgical Specialties	SSC Nylon; Clear Monofilament; 5-0; 18in/45cm; Precision Reverse Cutting; : 13mm; 3/8 Circle	\$139.55	Box	1/15/19	1/14/24
A-17	A697N	Surgical Specialties	Nylon, 6-0, Black, 18", DSM11, 3/8 Circle Precision Reverse Cutting 11mm	\$139.55	Box	1/15/19	1/14/24
A-17	A697NS	Surgical Specialties	Nylon, 6-0, Black, 8", DGL11, 3/8 Circle Reverse Cutting 11mm	\$139.55	Box	1/15/19	1/14/24
A-17	A698N	Surgical Specialties	Nylon, 5-0, Black, 18", DSM13, 3/8 Circle Precision Reverse Cutting 13mm	\$139.55	Box	1/15/19	1/14/24
A-17	A698NS	Surgical Specialties	SSC Nylon; Black Monofilament; 5-0; 8in/20cm; Precision Reverse Cutting; : 13mm; 3/8 Circle	\$139.55	Box	1/15/19	1/14/24
A-17	A699N	Surgical Specialties	Nylon, 4-0, Black, 18", DSM13, 3/8 Circle Precision Reverse Cutting 13mm	\$139.55	Box	1/15/19	1/14/24
A-17	A699NS	Surgical Specialties	Nylon, 4-0, Black, 8", DSM13, 3/8 Circle Reverse Cutting 13mm	\$139.55	Box	1/15/19	1/14/24
A-17	A868NS	Surgical Specialties	Nylon, 2-0, Blue, 30", DSM26, 3/8 Circle Reverse Cutting 26mm	\$139.55	Box	1/15/19	1/14/24
A-17	A931NS	Surgical Specialties	Nylon, 4-0, Black, 10", DSM12, 3/8 Circle Reverse Cutting 12mm	\$139.55	Box	1/15/19	1/14/24
A-17	A933N	Surgical Specialties	Nylon, 2-0, Black, 30", Straight Straight Taper Point 61mm	\$139.55	Box	1/15/19	1/14/24
A-17	A947NS	Surgical Specialties	SSC Nylon; Black Monofilament; 4-0; 10in/25cm; Precision Reverse Cutting; : 24mm; 3/8 Circle	\$139.55	Box	1/15/19	1/14/24
A-17	AC-0182D	Surgical Specialties	Ds18 4-0 Bk Mono Nyl 18"/45cm	\$103.66	Box	1/15/19	1/14/24
A-17	AC-0182N	Surgical Specialties	Ds18 4-0 Bk Mono Nyl 18"/45cm	\$34.57	Box	1/15/19	1/14/24
A-17	AC-0568D	Surgical Specialties	Ds18 5-0 Bk Mono Nyl 18"/45cm	\$106.49	Box	1/15/19	1/14/24
A-17	AC-0568D	Surgical Specialties	Ds24 3-0 Bk Mono Nyl 30"/75 cm	\$109.52	Box	1/15/19	1/14/24
A-17	AD-1666	Surgical Specialties	Dgl19 5-0 Bk Mono Nyl 18"/45cm	\$88.92	Box	1/15/19	1/14/24
A-17	AD-1667	Surgical Specialties	Dgl19 4-0 Bk Mono Nyl 18"/45cm	\$88.92	Box	1/15/19	1/14/24
A-17	AD-1698	Surgical Specialties	Dgl13 6-0 Bk Mono Nyl 18"/45cm	\$89.19	Box	1/15/19	1/14/24
A-17	AD-698N	Surgical Specialties	Dgl13 5-0 Bk Mono Nyl 18"/45cm	\$89.19	Box	1/15/19	1/14/24
A-17	B0599N	Surgical Specialties	SSC Plain Gut; 4-0; 18in/45cm; Precision Reverse Cutting; : 24mm; 1/2 Circle	\$71.33	Box	1/15/19	1/14/24
A-17	B1415N	Surgical Specialties	Plain Gut, 6-0, 18", DSCM11, 3/8 Circle Precision Conventional Cutting 11mm	\$129.68	Box	1/15/19	1/14/24
A-17	B1644N	Surgical Specialties	SSC Plain Gut; 4-0; 18in/45cm; Precision Reverse Cutting; : 13mm; 3/8 Circle	\$129.68	Box	1/15/19	1/14/24
A-17	B2688N	Surgical Specialties	Plain Gut, 6-0, 12", DSM11, 3/8 Circle Precision Reverse Cutting 11mm	\$92.09	Box	1/15/19	1/14/24
A-17	B2711N	Surgical Specialties	Plain Gut, 6-0, 18", DSCM13, 3/8 Circle Precision Conventional Cutting 13mm	\$129.68	Box	1/15/19	1/14/24
A-17	B521NS	Surgical Specialties	Plain Gut, 5-0, 10", DSM12, 3/8 Circle Precision Reverse Cutting 12mm	\$71.33	Box	1/15/19	1/14/24
A-17	B531NS	Surgical Specialties	SSC Plain Gut; 4-0; 10in/25cm; Precision Reverse Cutting; : 12mm; 3/8 Circle	\$71.33	Box	1/15/19	1/14/24
A-17	B536N	Surgical Specialties	Plain Gut, 4-0, 18", DSM12, 3/8 Circle Precision Reverse Cutting 12mm	\$71.33	Box	1/15/19	1/14/24
A-17	B537N	Surgical Specialties	Plain Gut, 4-0, 18", HSM15, 1/2 Circle Precision Reverse Cutting 15mm	\$71.33	Box	1/15/19	1/14/24
A-17	B592N	Surgical Specialties	Plain Gut, 3-0, 18", DSM19, 3/8 Circle Precision Reverse Cutting 19mm	\$71.33	Box	1/15/19	1/14/24
A-17	B612N	Surgical Specialties	Plain Gut, 3-0, 18", HSM22, 1/2 Circle Precision Reverse Cutting 22mm	\$92.09	Box	1/15/19	1/14/24
A-17	B666N	Surgical Specialties	Plain Gut, 5-0, 18", DSM12, 3/8 Circle Reverse Cutting 12mm	\$92.09	Box	1/15/19	1/14/24
A-17	B770N	Surgical Specialties	Plain Gut, 6-0, 18", DSM11   DSM11, 3/8 Circle Precision Reverse Cutting 11mm	\$392.79	Box	1/15/19	1/14/24
A-17	B774N	Surgical Specialties	Plain Gut, 6-0, 18", DSM11, 3/8 Circle Precision Reverse Cutting 11mm	\$148.47	Box	1/15/19	1/14/24
A-17	B810N	Surgical Specialties	Plain Gut, 3-0, 30", DSM24, 3/8 Circle Reverse Cutting 24mm	\$92.09	Box	1/15/19	1/14/24
A-17	B820N	Surgical Specialties	Plain Gut, 5-0, 27", DSM19, 3/8 Circle Precision Reverse Cutting 19mm	\$92.09	Box	1/15/19	1/14/24
A-17	B821N	Surgical Specialties	Plain Gut, 4-0, 30", DSM19, 3/8 Circle Reverse Cutting 19mm	\$92.09	Box	1/15/19	1/14/24
A-17	B822N	Surgical Specialties	Plain Gut, 3-0, 30", DSM19, 3/8 Circle Reverse Cutting 19mm	\$92.09	Box	1/15/19	1/14/24
A-17	B823N	Surgical Specialties	Plain Gut, 2-0, 27", DSM24, 3/8 Circle Precision Reverse Cutting 24mm	\$71.33	Box	1/15/19	1/14/24
A-17	C0244N	Surgical Specialties	Chromic Gut, 2-0, 30", HR30, 1/2 Circle Taper Point 30mm	\$71.33	Box	1/15/19	1/14/24
A-17	C0562N	Surgical Specialties	SSC Chromic Gut; 0; 27in/70cm; Precision Reverse Cutting; : 26mm; 3/8 Circle	\$71.33	Box	1/15/19	1/14/24
A-17	C0935N	Surgical Specialties	Chromic Gut, 5-0, 30", DS18, 3/8 Circle Reverse Cutting 19mm	\$92.09	Box	1/15/19	1/14/24
A-17	C121N	Surgical Specialties	Chromic Gut, 4-0, 30", HR26, 1/2 Circle Taper Point 26mm	\$71.33	Box	1/15/19	1/14/24
A-17	C122N	Surgical Specialties	Chromic Gut, 3-0, 30", HR26, 1/2 Circle Taper Point 26mm	\$71.33	Box	1/15/19	1/14/24
A-17	C123N	Surgical Specialties	Chromic Gut, 2-0, 30", HR26, 1/2 Circle Taper Point 26mm	\$71.33	Box	1/15/19	1/14/24
A-17	C128N	Surgical Specialties	Chromic Gut, 0, 30", HR36, 1/2 Circle Taper Point 36mm	\$71.33	Box	1/15/19	1/14/24
A-17	C1637N	Surgical Specialties	Chromic Gut, 4-0, 18", DSM19, 3/8 Circle Precision Reverse Cutting 19mm	\$92.09	Box	1/15/19	1/14/24
A-17	C1638N	Surgical Specialties	Chromic Gut, 3-0, 27", DSM19, 3/8 Circle Precision Reverse Cutting 19mm	\$92.09	Box	1/15/19	1/14/24
A-17	C1653N	Surgical Specialties	Chromic Gut, 4-0, 18", HSM15, 1/2 Circle Precision Reverse Cutting 15mm	\$92.09	Box	1/15/19	1/14/24
A-17	C1654N	Surgical Specialties	Chromic Gut, 4-0, 18", DSM13, 3/8 Circle Precision Reverse Cutting 13mm	\$92.09	Box	1/15/19	1/14/24
A-17	C162N	Surgical Specialties	Chromic Gut, 3-0, 30", HR22, 1/2 Circle Taper Point 22mm	\$92.09	Box	1/15/19	1/14/24
A-17	C543N	Surgical Specialties	SSC Chromic Gut; 5-0; 18in/45cm; Precision Reverse Cutting; : 11mm; 3/8 Circle	\$92.09	Box	1/15/19	1/14/24
A-17	C558N	Surgical Specialties	Chromic Gut, 4-0, 18", DSM19, 3/8 Circle Precision Reverse Cutting 19mm	\$92.09	Box	1/15/19	1/14/24
A-17	C635N	Surgical Specialties	Chromic Gut, 4-0, 27", DSM19, 3/8 Circle Reverse Cutting 19mm	\$92.09	Box	1/15/19	1/14/24
A-17	C636N	Surgical Specialties	Chromic Gut, 3-0, 30", DSM19, 3/8 Circle Reverse Cutting 19mm	\$92.09	Box	1/15/19	1/14/24
A-17	C637N	Surgical Specialties	Chromic Gut, 2-0, 27", DS24, 3/8 Circle Reverse Cutting 24mm	\$92.09	Box	1/15/19	1/14/24
A-17	C687N	Surgical Specialties	Chromic Gut, 5-0, 18", DSM13, 3/8 Circle Precision Reverse Cutting 13mm	\$92.09	Box	1/15/19	1/14/24
A-17	C792N	Surgical Specialties	Chromic Gut, 5-0, 18", DSM13   DSM13, 3/8 Circle Reverse Cutting 13mm	\$336.41	Box	1/15/19	1/14/24
A-17	D0212N	Surgical Specialties	Silk, 3-0, Black, 30", DSM26, 3/8 Circle Reverse Cutting 26mm	\$71.33	Box	1/15/19	1/14/24
A-17	D0238N	Surgical Specialties	Silk, 2-0, Black, 18", DSM24, 3/8 Circle Reverse Cutting 24mm	\$71.33	Box	1/15/19	1/14/24
A-17	D0239N	Surgical Specialties	Silk, 4-0, Black, 18", DSM16, 3/8 Circle Reverse Cutting 16mm	\$71.33	Box	1/15/19	1/14/24
A-17	D0389N	Surgical Specialties	Silk, 3-0, Black, 18", DSM16, 3/8 Circle Reverse Cutting 16mm	\$71.33	Box	1/15/19	1/14/24
A-17	D0423N	Surgical Specialties	Silk, 1, Black, 30", DSM36, 3/8 Circle Reverse Cutting 36mm	\$71.33	Box	1/15/19	1/14/24
A-17	D0492N	Surgical Specialties	Silk, 2, Black, 24", Pre-Cut Sutures,	\$186.06	Box	1/15/19	1/14/24
A-17	D0750N	Surgical Specialties	Silk, 6-0, Black, 18", DS16, 3/8 Circle Reverse Cutting 16mm	\$71.33	Box	1/15/19	1/14/24
A-17	D0765N	Surgical Specialties	Silk, 3-0, Black, 18", DS30, 3/8 Circle Reverse Cutting 30mm	\$71.33	Box	1/15/19	1/14/24
A-17	D0768N	Surgical Specialties	SSC Silk; Black Braided; 3-0; 30in/75cm; Precision Reverse Cutting; : 19mm; 3/8 Circle	\$71.33	Box	1/15/19	1/14/24
A-17	D1639N	Surgical Specialties	Silk, 6-0, Black, 18", DSM12, 3/8 Circle Reverse Cutting 12mm	\$71.33	Box	1/15/19	1/14/24
A-17	D1677N	Surgical Specialties	SSC Silk; Black Braided; 4-0; 18in/45cm; Precision Reverse Cutting; : 19mm; 3/8 Circle	\$82.69	Box	1/15/19	1/14/24
A-17	D1678N	Surgical Specialties	Silk, 5-0, Black, 18", DS16, 3/8 Circle Reverse Cutting 16mm	\$71.33	Box	1/15/19	1/14/24
A-17	D1679N	Surgical Specialties	Silk, 3-0, Black, 18", DSM19, 3/8 Circle Reverse Cutting 19mm	\$71.33	Box	1/15/19	1/14/24
A-17	D2543N	Surgical Specialties	Silk, 1, White, 30", HR36, 1/2 Circle Taper Point 36mm	\$71.33	Box	1/15/19	1/14/24
A-17	D2578N	Surgical Specialties	Silk, 4, Black, 24", Pre-Cut Sutures,	\$186.06	Box	1/15/19	1/14/24
A-17	D623D	Surgical Specialties	Gs60 2-0 Bbs 30"/75cm	\$157.87	Box	1/15/19	1/14/24
A-17	D623N	Surgical Specialties	Silk, 2-0, Black, 30", GS60, Straight Straight Cutting 60mm	\$71.33	Box	1/15/19	1/14/24
A-17	D632N	Surgical Specialties	Silk, 3-0, Black, 18", HSM22, 1/2 Circle Reverse Cutting 22mm	\$71.33	Box	1/15/19	1/14/24
A-17	D639N	Surgical Specialties	Silk, 6-0, Black, 18", DSM11, 3/8 Circle Precision Reverse Cutting 11mm	\$92.09	Box	1/15/19	1/14/24
A-17	D640N	Surgical Specialties	Silk, 5-0, Black, 18", DSM13, 3/8 Circle Precision Reverse Cutting 13mm	\$110.88	Box	1/15/19	1/14/24
A-17	D641N	Surgical Specialties	Silk, 4-0, Black, 18", DSM13, 3/8 Circle Precision Reverse Cutting 13mm	\$110.88	Box	1/15/19	1/14/24
A-17	D675N	Surgical Specialties	Silk, 3-0, Black, 30", DSM30, 3/8 Circle Reverse Cutting 30mm	\$71.33	Box	1/15/19	1/14/24
A-17	D679N	Surgical Specialties	Silk, 2-0, Black, 30", DSM30, 3/8 Circle Reverse Cutting 30mm	\$71.33	Box	1/15/19	1/14/24
A-17	D680N	Surgical Specialties	Silk, 0, Black, 30", DSM30, 3/8 Circle Reverse Cutting 30mm	\$71.33	Box	1/15/19	1/14/24
A-17	D682N	Surgical Specialties	Silk, 5-0, Black, 18", DSM19, 3/8 Circle Reverse Cutting 19mm	\$71.33	Box	1/15/19	1/14/24
A-17	D683N	Surgical Specialties	Silk, 4-0, Black, 18", DSM19, 3/8 Circle Reverse Cutting 19mm	\$71.33	Box	1/15/19	1/14/24
A-17	D684N	Surgical Specialties	Silk, 3-0, Black, 18", DSM24, 3/8 Circle Reverse Cutting 24mm	\$71.33	Box	1/15/19	1/14/24
A-17	D685N	Surgical Specialties	Silk, 2-0, Black, 18", DSM26, 3/8 Circle Reverse Cutting 26mm	\$71.33	Box	1/15/19	1/14/24
A-17	D077N	Surgical Specialties	Silk, 6-0, Black, 18", DRT13, 3/8 Circle Taper Point 13mm	\$92.09	Box	1/15/19	1/14/24
A-17	D734N	Surgical Specialties	SSC Silk; Black Braided; 4-0; 18in/45cm; Precision Reverse Cutting; : 17mm; 1/2 Circle	\$71.33	Box	1/15/19	1/14/24
A-17	D765N	Surgical Specialties	Silk, 6-0, Black, 18", HSM8, 1/2 Circle Precision Reverse Cutting 8mm	\$261.24	Box	1/15/19	1/14/24
A-17	D7729N	Surgical Specialties	Silk, 6-0, Black, 18", DRT13, 3/8 Circle Taper Cutting 13mm	\$129.68	Box	1/15/19	1/14/24
A-17	D7734N	Surgical Specialties	Silk, 4-0, Black, 18", DRT13, 3/8 Circle Taper Point 13mm	\$92.09	Box	1/15/19	1/14/24
A-17	D777N	Surgical Specialties	Silk, 4-0, Black, 18", 1/2 Circle Reverse Cutting 15mm	\$71.33	Box	1/15/19	1/14/24
A-17	D778N	Surgical Specialties	Silk, 3-0, Black, 18", 1/2 Circle Reverse Cutting 15mm	\$71.33	Box	1/15/19	1/14/24
A-17	D832N	Surgical Specialties	Silk, 3-0, Black, 30", HR26, 1/2 Circle Taper Point 26mm	\$71.33	Box	1/15/19	1/14/24
A-17	D945N	Surgical Specialties	SSC Silk; Black Braided; 4-0; 18in/45cm; Taper Cutting; : 17mm; 3/8 Circle	\$71.33	Box	1/15/19	1/14/24
A-17	E10X42N	Surgical Specialties	Polyviolen, 2-0, GrnWht, 75cm / 30", Double Armed, RB-1, 1/2C Taperpoint 17mm	\$1,033.27	Box	1/15/19	1/14/24
A-17	E10X52N	Surgical Specialties	Polyviolen, 2-0, GrnWht, 75cm / 30", Double Armed, V-5, 1/2C Tapercut Cardio 17mm	\$1,489.71	Box	1/15/19	1/14/24

A-17	E10X66N	Surgical Specialties	Polyviolene, 2-0, Grn/Wht, 90cm / 36", Double Armed, V-7, 1/2C Tapercut Cardio 26mm	\$1,500.71	Box	1/15/19	1/14/24
A-17	E10X82N	Surgical Specialties	Polyviolene, 2-0, Grn/Wht, 75cm / 30", Double Armed, SH, 1/2C Taperpoint 26mm	\$1,019.93	Box	1/15/19	1/14/24
A-17	E10X86N	Surgical Specialties	Polyviolene, 2-0, Grn/Wht, 90cm / 36", Double Armed, SH, 1/2C Taperpoint 26mm	\$1,180.64	Box	1/15/19	1/14/24
A-17	EPXX22N	Surgical Specialties	Polyviolene, 2-0, Grn/Wht, 75cm / 30", Double Armed, V-4, 3/8C Tapercut Cardio 17mm	\$2,128.30	Box	1/15/19	1/14/24
A-17	EPXX52N	Surgical Specialties	Polyviolene, 2-0, Grn/Wht, 75cm / 30", Double Armed, V-5, 1/2C Tapercut Cardio 17mm	\$2,136.59	Box	1/15/19	1/14/24
A-17	EPXX76N	Surgical Specialties	Polyviolene, 2-0, Grn/Wht, 75cm / 30", Double Armed, SH, 1/2C Taperpoint 26mm	\$1,842.14	Box	1/15/19	1/14/24
A-17	EPXX77N	Surgical Specialties	Polyviolene, 2-0, Grn/Wht, 75cm / 30", Double Armed, V-7, 1/2C Tapercut Cardio 26mm	\$2,120.21	Box	1/15/19	1/14/24
A-17	EPXX86N	Surgical Specialties	Polyviolene, 2-0, Grn/Wht, 90cm / 36", Double Armed, SH, 1/2C Taperpoint 26mm	\$1,658.96	Box	1/15/19	1/14/24
A-17	EPXX92N	Surgical Specialties	Polyviolene, 2-0, Grn/Wht, 75cm / 30", Double Armed, SH-1, 1/2C Taperpoint 22mm	\$1,618.31	Box	1/15/19	1/14/24
A-17	ESXP22N	Surgical Specialties	Polyviolene, 2-0, Grn/Wht, 75cm / 30", Double Armed, V-4, 3/8C Tapercut Cardio 17mm	\$2,128.30	Box	1/15/19	1/14/24
A-17	ESXP52N	Surgical Specialties	Polyviolene, 2-0, Grn/Wht, 75cm / 30", Double Armed, V-5, 1/2C Tapercut Cardio 17mm	\$2,159.21	Box	1/15/19	1/14/24
A-17	ESXP77N	Surgical Specialties	Polyviolene, 2-0, Grn/Wht, 75cm / 30", Double Armed, V-7, 1/2C Tapercut Cardio 26mm	\$2,159.21	Box	1/15/19	1/14/24
A-17	EX133D	Surgical Specialties	Polyviolene, 2-0, White, 90cm / 36", Double Armed, SH, 1/2C Taperpoint 26mm	\$353.07	Box	1/15/19	1/14/24
A-17	EX523D	Surgical Specialties	Polyviolene, 2-0, Green, 90cm / 36", Double Armed, SH, 1/2C Taperpoint 26mm	\$353.07	Box	1/15/19	1/14/24
A-17	EX551D	Surgical Specialties	Polyviolene, 4-0, Green, 75cm / 30", Double Armed, RB-1, 1/2C Taperpoint 17mm	\$349.82	Box	1/15/19	1/14/24
A-17	EX556D	Surgical Specialties	Polyviolene, 5-0, Green, 90cm / 36", Double Armed, RB-1, 1/2C Taperpoint 17mm	\$377.23	Box	1/15/19	1/14/24
A-17	EX557D	Surgical Specialties	Polyviolene, 4-0, Green, 90cm / 36", Double Armed, RB-1, 1/2C Taperpoint 17mm	\$358.47	Box	1/15/19	1/14/24
A-17	EX558D	Surgical Specialties	Polyviolene, 3-0, Green, 90cm / 36", Double Armed, RB-1, 1/2C Taperpoint 17mm	\$357.94	Box	1/15/19	1/14/24
A-17	EX563D	Surgical Specialties	Polyviolene, 2-0, Green, 75cm / 30", Double Armed, SH, 1/2C Taperpoint 26mm	\$347.23	Box	1/15/19	1/14/24
A-17	EX762D	Surgical Specialties	Polyviolene, 3-0, Green, 90cm / 36", Double Armed, SH-1, 1/2C Taperpoint 22mm	\$354.08	Box	1/15/19	1/14/24
A-17	EX763D	Surgical Specialties	Polyviolene, 2-0, Green, 90cm / 36", Double Armed, SH-1, 1/2C Taperpoint 22mm	\$353.07	Box	1/15/19	1/14/24
A-17	EX927D	Surgical Specialties	Polyviolene, 2-0, Green, 75cm / 30", Double Armed, V-4, 3/8C Tapercut Cardio 17mm	\$487.23	Box	1/15/19	1/14/24
A-17	EX977D	Surgical Specialties	Polyviolene, 2-0, Green, 75cm / 30", Double Armed, V-7, 1/2C Tapercut Cardio 26mm	\$487.45	Box	1/15/19	1/14/24
A-17	F2600N	Surgical Specialties	Polyviolene™, 4-0, Green, 12", HRT17, 1/2 Circle Taper Cutting 18mm	\$71.33	Box	1/15/19	1/14/24
A-17	F647D	Surgical Specialties	; 24mm; 3/8 Circle	\$213.97	Box	1/15/19	1/14/24
A-17	F665D	Surgical Specialties	; 26mm; 3/8 Circle	\$213.97	Box	1/15/19	1/14/24
A-17	F872N	Surgical Specialties	Polyviolene™, 3-0, Green, 12", HRT17, 1/2 Circle Taper Cutting 18mm	\$71.33	Box	1/15/19	1/14/24
A-17	G0304N	Surgical Specialties	HR17 4-0 Vio Br Pga 30"75Cm	\$93.04	Box	1/15/19	1/14/24
A-17	G0392N	Surgical Specialties	PolySyn™, 4-0, Violet, 27", DSM19, 3/8 Circle Precision Reverse Cutting 19mm	\$93.04	Box	1/15/19	1/14/24
A-17	G0502N	Surgical Specialties	PolySyn™, 5-0, Violet, 18", HRT17, 1/2 Circle Taper Cutting 17mm	\$129.68	Box	1/15/19	1/14/24
A-17	G0518N	Surgical Specialties	PolySyn™, 0, Violet, 36", HRX36, 1/2 Circle Taper Point 36.6mm	\$93.04	Box	1/15/19	1/14/24
A-17	G232N	Surgical Specialties	PolySyn™, 3-0, Undyed, 27", HR26, 1/2 Circle Taper Point 26mm	\$93.04	Box	1/15/19	1/14/24
A-17	G260N	Surgical Specialties	PolySyn™, 0, Undyed, 27", HR36, 1/2 Circle Taper Point 36mm	\$93.04	Box	1/15/19	1/14/24
A-17	G269N	Surgical Specialties	PolySyn™, 2-0, Undyed, 27", HR26, 1/2 Circle Taper Point 26mm	\$93.04	Box	1/15/19	1/14/24
A-17	G310N	Surgical Specialties	SSC PolySyn™; Violet Braided; 4-0; 27in/70cm; Taper Point; ; 22mm; 1/2 Circle	\$93.04	Box	1/15/19	1/14/24
A-17	G311N	Surgical Specialties	PolySyn™, 3-0, Violet, 27", DGL19, 1/2 Circle Taper Point 20mm	\$93.04	Box	1/15/19	1/14/24
A-17	G316N	Surgical Specialties	PolySyn™, 3-0, Violet, 27", HR26, 1/2 Circle Taper Point 26mm	\$93.04	Box	1/15/19	1/14/24
A-17	G317N	Surgical Specialties	PolySyn™, 2-0, Violet, 27", HR26, 1/2 Circle Taper Point 26mm	\$93.04	Box	1/15/19	1/14/24
A-17	G332N	Surgical Specialties	PolySyn™, 3-0, Undyed, 27", HR26, 1/2 Circle Taper Point 26mm	\$93.04	Box	1/15/19	1/14/24
A-17	G333N	Surgical Specialties	SSC PolySyn™; Violet Braided; 2-0; 27in/70cm; Taper Point; ; 26mm; 1/2 Circle	\$93.04	Box	1/15/19	1/14/24
A-17	G339N	Surgical Specialties	PolySyn™, 2-0, Violet, 27", HR36, 1/2 Circle Taper Point 36mm	\$93.04	Box	1/15/19	1/14/24
A-17	G340N	Surgical Specialties	PolySyn™, 0, Violet, 27", HRX36, 1/2 Circle Taper Point 36.6mm	\$93.04	Box	1/15/19	1/14/24
A-17	G341N	Surgical Specialties	SSC PolySyn™; Violet Braided; 1; 27in/70cm; Taper Point; ; 36mm; 1/2 Circle	\$93.04	Box	1/15/19	1/14/24
A-17	G352N	Surgical Specialties	SSC PolySyn™; Violet Braided; 0; 27in/70cm; Taper Point; ; 40mm; 1/2 Circle	\$93.04	Box	1/15/19	1/14/24
A-17	G354N	Surgical Specialties	PolySyn™, 2-0, Violet, 36", HRX36, 1/2 Circle Taper Point 36.6mm	\$93.04	Box	1/15/19	1/14/24
A-17	G358N	Surgical Specialties	PolySyn™, 0, Violet, 36", HRX40, 1/2 Circle Taper Point 40mm	\$93.04	Box	1/15/19	1/14/24
A-17	G359N	Surgical Specialties	PolySyn™, 1, Violet, 36", HR40, 1/2 Circle Taper Point 40mm	\$93.04	Box	1/15/19	1/14/24
A-17	G391N	Surgical Specialties	PolySyn™, 5-0, Violet, 18", DSM19, 3/8 Circle Reverse Cutting 19mm	\$93.04	Box	1/15/19	1/14/24
A-17	G392N	Surgical Specialties	PolySyn™, 4-0, Violet, 18", DSM19, 3/8 Circle Reverse Cutting 19mm	\$93.04	Box	1/15/19	1/14/24
A-17	G393N	Surgical Specialties	PolySyn™, 3-0, Violet, 18", DSM19, 3/8 Circle Reverse Cutting 19mm	\$93.04	Box	1/15/19	1/14/24
A-17	G416N	Surgical Specialties	PolySyn™, 3-0, Undyed, 27", HR26, 1/2 Circle Taper Point 26mm	\$93.04	Box	1/15/19	1/14/24
A-17	G421N	Surgical Specialties	PolySyn™, 5-0, Undyed, 27", DSM19, 3/8 Circle Reverse Cutting 19mm	\$93.04	Box	1/15/19	1/14/24
A-17	G422D	Surgical Specialties	PolySyn™, 4-0, Undyed, 27", DSM19, 3/8 Circle Reverse Cutting 19mm	\$279.10	Box	1/15/19	1/14/24
A-17	G422N	Surgical Specialties	PolySyn™, 4-0, Undyed, 27", DSM19, 3/8 Circle Reverse Cutting 19mm	\$110.88	Box	1/15/19	1/14/24
A-17	G423N	Surgical Specialties	PolySyn™, 3-0, Undyed, 27", DSM19, 3/8 Circle Reverse Cutting 19mm	\$93.04	Box	1/15/19	1/14/24
A-17	G426N	Surgical Specialties	PolySyn™, 4-0, Undyed, 27", DSM19, 3/8 Circle Precision Reverse Cutting 19mm	\$93.04	Box	1/15/19	1/14/24
A-17	G427N	Surgical Specialties	PolySyn™, 3-0, Undyed, 27", DSM19, 3/8 Circle Precision Reverse Cutting 19mm	\$93.04	Box	1/15/19	1/14/24
A-17	G441N	Surgical Specialties	PolySyn™, 4-0, Undyed, 27", DSM24, 3/8 Circle Reverse Cutting 24mm	\$93.04	Box	1/15/19	1/14/24
A-17	G442N	Surgical Specialties	PolySyn™, 3-0, Undyed, 27", DSM24, 3/8 Circle Reverse Cutting 24mm	\$93.04	Box	1/15/19	1/14/24
A-17	G443D	Surgical Specialties	PolySyn™, 2-0, Undyed, 27", DS24, 3/8 Circle Reverse Cutting 24mm	\$298.82	Box	1/15/19	1/14/24
A-17	G443N	Surgical Specialties	PolySyn™, 2-0, Undyed, 27", DSM24, 3/8 Circle Reverse Cutting 24mm	\$93.04	Box	1/15/19	1/14/24
A-17	G451N	Surgical Specialties	SSC PolySyn™; Violet Braided; 4-0; 27in/70cm; Precision Reverse Cutting; ; 24mm; 3/8 Circle	\$93.04	Box	1/15/19	1/14/24
A-17	G463N	Surgical Specialties	PolySyn™, 5-0, Violet, 18", DSM13, 3/8 Circle Precision Reverse Cutting 13mm	\$129.68	Box	1/15/19	1/14/24
A-17	G480N	Surgical Specialties	SSC PolySyn™; Violet Braided; 1; 27in/70cm; Precision Reverse Cutting; ; 40mm; 1/2 Circle	\$93.04	Box	1/15/19	1/14/24
A-17	G492N	Surgical Specialties	PolySyn™, 6-0, Undyed, 18", DSM13, 3/8 Circle Precision Reverse Cutting 13mm	\$129.68	Box	1/15/19	1/14/24
A-17	G492NS	Surgical Specialties	SSC PolySyn™; Clear Braided; 6-0; 8in/20cm; Precision Reverse Cutting; ; 13mm; 3/8 Circle	\$120.28	Box	1/15/19	1/14/24
A-17	G493N	Surgical Specialties	PolySyn™, 5-0, Undyed, 18", DSM13, 3/8 Circle Precision Reverse Cutting 13mm	\$129.68	Box	1/15/19	1/14/24
A-17	G493NS	Surgical Specialties	PolySyn™, 5-0, Undyed, 18", DSM13, 3/8 Circle Precision Reverse Cutting 13mm	\$93.04	Box	1/15/19	1/14/24
A-17	G494N	Surgical Specialties	SSC PolySyn™; Clear Braided; 4-0; 19in/25cm; Precision Reverse Cutting; ; 13mm; 3/8 Circle	\$120.28	Box	1/15/19	1/14/24
A-17	G495N	Surgical Specialties	PolySyn™, 5-0, Undyed, 18", DSM19, 3/8 Circle Precision Reverse Cutting 19mm	\$129.68	Box	1/15/19	1/14/24
A-17	G495NS	Surgical Specialties	SSC PolySyn™; Clear Braided; 5-0; 8in/20cm; Precision Reverse Cutting; ; 19mm; 3/8 Circle	\$110.88	Box	1/15/19	1/14/24
A-17	G496N	Surgical Specialties	PolySyn™, 4-0, Undyed, 18", DSM19, 3/8 Circle Precision Reverse Cutting 19mm	\$129.68	Box	1/15/19	1/14/24
A-17	G496NS	Surgical Specialties	SSC PolySyn™; Clear Braided; 4-0; 8in/20cm; Precision Reverse Cutting; ; 19mm; 3/8 Circle	\$93.04	Box	1/15/19	1/14/24
A-17	G497N	Surgical Specialties	PolySyn™, 3-0, Undyed, 18", DSM19, 3/8 Circle Precision Reverse Cutting 19mm	\$129.68	Box	1/15/19	1/14/24
A-17	G503N	Surgical Specialties	SSC PolySyn™; Clear Braided; 5-0; 18in/45cm; Precision Reverse Cutting; ; 9mm; 1/2 Circle	\$110.88	Box	1/15/19	1/14/24
A-17	G504N	Surgical Specialties	SSC PolySyn™; Clear Braided; 4-0; 18in/45cm; Precision Reverse Cutting; ; 9mm; 1/2 Circle	\$129.68	Box	1/15/19	1/14/24
A-17	G506N	Surgical Specialties	PolySyn™, 5-0, Undyed, 18", HSM16, 1/2 Circle Precision Reverse Cutting 16mm	\$110.88	Box	1/15/19	1/14/24
A-17	G507N	Surgical Specialties	PolySyn™, 4-0, Undyed, 18", HSM16, 1/2 Circle Precision Reverse Cutting 16mm	\$110.88	Box	1/15/19	1/14/24
A-17	G532N	Surgical Specialties	36mm/36mmmm; 1/2 Circle	\$110.88	Box	1/15/19	1/14/24
A-17	G544N	Surgical Specialties	PolySyn™, 6-0, Violet, 18", VSL7   VSL7, 1/4 Circle Side Cutting Lancet 6.6mm	\$280.03	Box	1/15/19	1/14/24
A-17	G553N	Surgical Specialties	2Vsp8 5-0 Vio Br Pga 12"30Cm	\$93.04	Box	1/15/19	1/14/24
A-17	G555N	Surgical Specialties	PolySyn™, 6-0, Violet, 18", VSP8, 1/4 Circle Side Cutting Lancet 7.62mm	\$280.03	Box	1/15/19	1/14/24
A-17	G556N	Surgical Specialties	PolySyn™, 6-0, Violet, 12", VSP8   VSP8, 1/4 Circle Side Cutting Lancet 8mm	\$280.03	Box	1/15/19	1/14/24
A-17	G590N	Surgical Specialties	PolySyn™, 6-0, Violet, 8", VCL8, 1/4 Circle Side Cutting Lancet 8.51mm	\$280.03	Box	1/15/19	1/14/24
A-17	G683N	Surgical Specialties	PolySyn™, 3-0, Undyed, 18", DSM24, 3/8 Circle Precision Reverse Cutting 24mm	\$129.68	Box	1/15/19	1/14/24
A-17	G691D	Surgical Specialties	PolySyn™, 4-0, Undyed, 27", 3/8 Circle Reverse Cutting 19mm	\$279.10	Box	1/15/19	1/14/24
A-17	G714N	Surgical Specialties	PolySyn™, 4-0, Undyed, 27", HR18, 1/2 Circle Taper Point 18mm	\$280.03	Box	1/15/19	1/14/24
A-17	G794N	Surgical Specialties	SSC PolySyn™; Clear Braided; 6-0; 18in/45cm; Precision Reverse Cutting; ; 19mm; 3/8 Circle	\$93.04	Box	1/15/19	1/14/24
A-17	G834N	Surgical Specialties	PolySyn™, 5-0, Undyed, 18", DSCM13, 3/8 Circle Precision Conventional Cutting 13mm	\$129.68	Box	1/15/19	1/14/24
A-17	G835N	Surgical Specialties	PolySyn™, 4-0, Undyed, 18", DSCM16, 3/8 Circle Precision Conventional Cutting 16mm	\$129.68	Box	1/15/19	1/14/24
A-17	G839N	Surgical Specialties	PolySyn™, 2-0, Undyed, 18", HR36, 1/2 Circle Taper Point 36mm	\$223.65	Box	1/15/19	1/14/24
A-17	G9391N	Surgical Specialties	SSC PolySyn™; Violet Braided; 0; 30in/75cm; Taper Cutting; ; 31mm; 1/2 Circle	\$129.68	Box	1/15/19	1/14/24
A-17	G945N	Surgical Specialties	PolySyn™, 2-0, Undyed, 36", HR36, 1/2 Circle Taper Point 36mm	\$93.04	Box	1/15/19	1/14/24
A-17	J0713N	Surgical Specialties	Polypropylene, 5-0, Blue, 18", DS14, 3/8 Circle Reverse Cutting 14mm	\$139.55	Box	1/15/19	1/14/24
A-17	J1057NS	Surgical Specialties	Circle	\$139.55	Box	1/15/19	1/14/24
A-17	J1058NS	Surgical Specialties	Circle	\$139.55	Box	1/15/19	1/14/24
A-17	J1077NS	Surgical Specialties	SSC Polypropylene; Blue Monofilament; 6-0; 8in/20cm; Precision Reverse Cutting; ; 13mm; 3/8 Circle	\$139.55	Box	1/15/19	1/14/24
A-17	J1078NS	Surgical Specialties	Polypropylene, 5-0, Blue, 8", DSM13, 3/8 Circle Precision Reverse Cutting 13mm	\$139.55	Box	1/15/19	1/14/24
A-17	J1239N	Surgical Specialties	Polypropylene, 3-0, Blue, 18", DS26, 3/8 Circle Reverse Cutting 26mm	\$139.55	Box	1/15/19	1/14/24
A-17	J1712N	Surgical Specialties	Polypropylene, 6-0, Blue, 18", DS14, 3/8 Circle Reverse Cutting 14mm	\$139.55	Box	1/15/19	1/14/24
A-17	J661N	Surgical Specialties	Ds19 5-0 Bl Ppn 18"45Cm	\$139.55	Box	1/15/19	1/14/24
A-17	J8424N	Surgical Specialties	Polypropylene, 0, Blue, 40", HR36, 1/2 Circle Taper Point 36mm	\$139.55	Box	1/15/19	1/14/24
A-17	J8444N	Surgical Specialties	SSC Polypropylene; Blue Monofilament; 0; 30in/75cm; Taper Cutting; ; 36mm; 1/2 Circle	\$139.55	Box	1/15/19	1/14/24
A-17	J8521D	Surgical Specialties	Polypropylene, 4-0, Blue, 90cm / 36", Double Armed, SH, 1/2C Taperpoint 26mm	\$500.86	Box	1/15/19	1/14/24
A-17	J8522D	Surgical Specialties	Polypropylene, 3-0, Blue, 90cm / 36", Double Armed, SH, 1/2C Taperpoint 26mm	\$496.19	Box	1/15/19	1/14/24
A-17	J8523D	Surgical Specialties	Polypropylene, 2-0, Blue, 90cm / 36", Double Armed, SH, 1/2C Taperpoint 26mm	\$488.74	Box	1/15/19	1/14/24
A-17	J8526D	Surgical Specialties	Polypropylene, 4-0, Blue, 75cm / 30", Double Armed, SH-1, 1/2C Taperpoint 22mm	\$489.87	Box	1/15/19	1/14/24
A-17	J8533D	Surgical Specialties	Polypropylene, 2-0, Blue, 122cm / 48", Double Armed, SH, 1/2C Taperpoint 26mm	\$511.89	Box	1/15/19	1/14/24
A-17	J8534D	Surgical Specialties	Polypropylene, 3-0, Blue, 122cm / 48", Double Armed, SH, 1/2C Taperpoint 26mm	\$513.28	Box	1/15/19	1/14/24
A-17	J8544D	Surgical Specialties	Polypropylene, 5-0, Blue, 60cm / 24", Double Armed, RB-2, 1/2C Taperpoint 13mm	\$496.05	Box	1/15/19	1/14/24
A-17	J8555D	Surgical Specialties	Polypropylene, 5-0, Blue, 60cm / 24", Double Armed, RB-1, 1/2C Taperpoint 17mm	\$497.88	Box	1/15/19	1/14/24

A-17	J8556D	Surgical Specialties	Polypropylene, 5-0, Blue, 90cm / 36", Double Armed, RB-1, 1/2C Taperpoint 17mm	\$509.47	Box	1/15/19	1/14/24
A-17	J8557D	Surgical Specialties	Polypropylene, 4-0, Blue, 90cm / 36", Double Armed, RB-1, 1/2C Taperpoint 17mm	\$502.67	Box	1/15/19	1/14/24
A-17	J8558D	Surgical Specialties	Polypropylene, 3-0, Blue, 90cm / 36", Double Armed, RB-1, 1/2C Taperpoint 17mm	\$498.02	Box	1/15/19	1/14/24
A-17	J8580D	Surgical Specialties	Polypropylene, 5-0, Blue, 90cm / 36", Double Armed, BB, 3/8C Taperpoint 17mm	\$497.54	Box	1/15/19	1/14/24
A-17	J8581D	Surgical Specialties	Polypropylene, 4-0, Blue, 90cm / 36", Double Armed, BB, 3/8C Taperpoint 17mm	\$497.74	Box	1/15/19	1/14/24
A-17	J8617N	Surgical Specialties	SSC Polypropylene; Blue Monofilament; 6-0; 18in/45cm; Precision Reverse Cutting; : 13mm; 3/8 Circle	\$139.55	Box	1/15/19	1/14/24
A-17	J8617NS	Surgical Specialties	SSC Polypropylene; Blue Monofilament; 6-0; 8in/20cm; Precision Reverse Cutting; : 13mm; 3/8 Circle	\$139.55	Box	1/15/19	1/14/24
A-17	J8618N	Surgical Specialties	Polypropylene, 5-0, Blue, 18", DSM13, 3/8 Circle Precision Conventional Cutting 13mm	\$167.27	Box	1/15/19	1/14/24
A-17	J8623N	Surgical Specialties	Polypropylene, 2-0, Blue, 30", G560, Straight Straight Cutting 60mm	\$139.55	Box	1/15/19	1/14/24
A-17	J8629N	Surgical Specialties	SSC Polypropylene; Blue Monofilament; 4-0; 18in/45cm; Precision Reverse Cutting; : 24mm; 3/8 Circle	\$139.55	Box	1/15/19	1/14/24
A-17	J8634N	Surgical Specialties	Polypropylene, 4-0, Blue, 18", DSM16, 3/8 Circle Precision Conventional Cutting 16mm	\$167.27	Box	1/15/19	1/14/24
A-17	J8635N	Surgical Specialties	Polypropylene, 5-0, Blue, 18", DSM16, 3/8 Circle Precision Conventional Cutting 16mm	\$139.55	Box	1/15/19	1/14/24
A-17	J8661N	Surgical Specialties	Polypropylene, 5-0, Blue, 18", DSM19, 3/8 Circle Reverse Cutting 19mm	\$139.55	Box	1/15/19	1/14/24
A-17	J8663N	Surgical Specialties	Polypropylene, 3-0, Blue, 18", DSM24, 3/8 Circle Precision Reverse Cutting 24mm	\$139.55	Box	1/15/19	1/14/24
A-17	J8665N	Surgical Specialties	Polypropylene, 3-0, Blue, 18", DSM19, 3/8 Circle Reverse Cutting 19mm	\$139.55	Box	1/15/19	1/14/24
A-17	J8680N	Surgical Specialties	Polypropylene, 6-0, Blue, 18", DSM16, 3/8 Circle Precision Reverse Cutting 16mm	\$186.06	Box	1/15/19	1/14/24
A-17	J8681N	Surgical Specialties	Polypropylene, 5-0, Blue, 18", DSM16, 3/8 Circle Precision Reverse Cutting 16mm	\$139.55	Box	1/15/19	1/14/24
A-17	J8682N	Surgical Specialties	Polypropylene, 4-0, Blue, 18", DSM19, 3/8 Circle Precision Reverse Cutting 19mm	\$139.55	Box	1/15/19	1/14/24
A-17	J8682NS	Surgical Specialties	Polypropylene, 4-0, Blue, 18", DGL19, 3/8 Circle Reverse Cutting 19mm	\$139.55	Box	1/15/19	1/14/24
A-17	J8683N	Surgical Specialties	Polypropylene, 4-0, Blue, 18", DSM19, 3/8 Circle Reverse Cutting 19mm	\$139.55	Box	1/15/19	1/14/24
A-17	J8684N	Surgical Specialties	Polypropylene, 3-0, Blue, 18", DSM24, 3/8 Circle Reverse Cutting 24mm	\$139.55	Box	1/15/19	1/14/24
A-17	J8685N	Surgical Specialties	Polypropylene, 2-0, Blue, 18", DSM26, 3/8 Circle Reverse Cutting 26mm	\$139.55	Box	1/15/19	1/14/24
A-17	J8686N	Surgical Specialties	Polypropylene, 5-0, Blue, 18", DSM19, 3/8 Circle Precision Reverse Cutting 19mm	\$139.55	Box	1/15/19	1/14/24
A-17	J8686NS	Surgical Specialties	SSC Polypropylene; Blue Monofilament; 5-0; 8in/20cm; Precision Reverse Cutting; : 19mm; 3/8 Circle	\$139.55	Box	1/15/19	1/14/24
A-17	J8687N	Surgical Specialties	Polypropylene, 3-0, Blue, 18", DSM19, 3/8 Circle Precision Reverse Cutting 19mm	\$139.55	Box	1/15/19	1/14/24
A-17	J8694N	Surgical Specialties	SSC Polypropylene; Blue Monofilament; 5-0; 18in/45cm; Precision Reverse Cutting; : 11mm; 3/8 Circle	\$139.55	Box	1/15/19	1/14/24
A-17	J8695N	Surgical Specialties	Polypropylene, 6-0, Blue, 18", DSM13, 3/8 Circle Precision Reverse Cutting 13mm	\$139.55	Box	1/15/19	1/14/24
A-17	J8696N	Surgical Specialties	Polypropylene, 7-0, Blue, 18", DSM11, 3/8 Circle Precision Reverse Cutting 11mm	\$148.47	Box	1/15/19	1/14/24
A-17	J8697N	Surgical Specialties	Polypropylene, 6-0, Blue, 18", DSM11, 3/8 Circle Precision Reverse Cutting 11mm	\$139.55	Box	1/15/19	1/14/24
A-17	J8697NS	Surgical Specialties	Polypropylene, 6-0, Blue, 8", DGL11, 3/8 Circle Reverse Cutting 11mm	\$139.55	Box	1/15/19	1/14/24
A-17	J8698N	Surgical Specialties	Polypropylene, 5-0, Blue, 18", DSM13, 3/8 Circle Precision Reverse Cutting 13mm	\$139.55	Box	1/15/19	1/14/24
A-17	J8699N	Surgical Specialties	Polypropylene, 4-0, Blue, 18", DSM13, 3/8 Circle Precision Reverse Cutting 13mm	\$167.27	Box	1/15/19	1/14/24
A-17	J8699NS	Surgical Specialties	SSC Polypropylene; Blue Monofilament; 4-0; 8in/20cm; Precision Reverse Cutting; : 13mm; 3/8 Circle	\$139.55	Box	1/15/19	1/14/24
A-17	J8701D	Surgical Specialties	Polypropylene, 7-0, Blue, 45cm / 18", Double Armed, BV-1, 3/8C Taperpoint 9.3mm	\$1,428.85	Box	1/15/19	1/14/24
A-17	J8702D	Surgical Specialties	Polypropylene, 7-0, Blue, 60cm / 24", Double Armed, BV-1, 3/8C Taperpoint 9.3mm	\$1,463.87	Box	1/15/19	1/14/24
A-17	J8703D	Surgical Specialties	Polypropylene, 7-0, Blue, 75cm / 30", Double Armed, BV-1, 3/8C Taperpoint 9.3mm	\$1,463.87	Box	1/15/19	1/14/24
A-17	J8704D	Surgical Specialties	Polypropylene, 7-0, Blue, 60cm / 24", Double Armed, CC, 3/8C Tapercut Cardio 9.3mm	\$1,550.84	Box	1/15/19	1/14/24
A-17	J8706D	Surgical Specialties	Polypropylene, 6-0, Blue, 75cm / 30", Double Armed, C-1, 3/8C Tapercut 13mm	\$1,225.80	Box	1/15/19	1/14/24
A-17	J8707D	Surgical Specialties	Polypropylene, 6-0, Blue, 75cm / 30", Double Armed, CC-1, 3/8C Tapercut Cardio 13mm	\$1,427.37	Box	1/15/19	1/14/24
A-17	J8709D	Surgical Specialties	Polypropylene, 6-0, Blue, 75cm / 30", Double Armed, BV-1, 3/8C Taperpoint 9.3mm	\$1,414.84	Box	1/15/19	1/14/24
A-17	J8710D	Surgical Specialties	Polypropylene, 5-0, Blue, 75cm / 30", Double Armed, RB-2, 1/2C Taperpoint 13mm	\$496.05	Box	1/15/19	1/14/24
A-17	J8711D	Surgical Specialties	Polypropylene, 6-0, Blue, 75cm / 30", Double Armed, RB-2, 1/2C Taperpoint 13mm	\$521.31	Box	1/15/19	1/14/24
A-17	J8713D	Surgical Specialties	Polypropylene, 5-0, Blue, 45cm / 18", Double Armed, RB-2, 1/2C Taperpoint 13mm	\$484.71	Box	1/15/19	1/14/24
A-17	J8714D	Surgical Specialties	Polypropylene, 6-0, Blue, 45cm / 18", Double Armed, RB-2, 1/2C Taperpoint 13mm	\$517.08	Box	1/15/19	1/14/24
A-17	J8717D	Surgical Specialties	Polypropylene, 5-0, Blue, 45cm / 18", Double Armed, C-1, 3/8C Taperpoint 13mm	\$1,161.61	Box	1/15/19	1/14/24
A-17	J8718D	Surgical Specialties	Polypropylene, 6-0, Blue, 45cm / 18", Double Armed, C-1, 3/8C Taperpoint 13mm	\$1,225.80	Box	1/15/19	1/14/24
A-17	J8720D	Surgical Specialties	Polypropylene, 5-0, Blue, 90cm / 36", Double Armed, C-1, 3/8C Taperpoint 13mm	\$1,167.39	Box	1/15/19	1/14/24
A-17	J8725D	Surgical Specialties	Polypropylene, 5-0, Blue, 60cm / 24", Double Armed, C-1, 3/8C Taperpoint 13mm	\$1,161.61	Box	1/15/19	1/14/24
A-17	J8726D	Surgical Specialties	Polypropylene, 6-0, Blue, 60cm / 24", Double Armed, C-1, 3/8C Taperpoint 13mm	\$1,225.80	Box	1/15/19	1/14/24
A-17	J8756D	Surgical Specialties	Polypropylene, 5-0, Blue, 45cm / 18", Double Armed, RB-1, 1/2C Taperpoint 17mm	\$485.84	Box	1/15/19	1/14/24
A-17	J8762D	Surgical Specialties	Polypropylene, 3-0, Blue, 75cm / 30", Double Armed, SH-1, 1/2C Taperpoint 22mm	\$484.38	Box	1/15/19	1/14/24
A-17	J8805D	Surgical Specialties	Polypropylene, 6-0, Blue, 60cm / 24", Double Armed, BV-1, 3/8C Taperpoint 9.3mm	\$1,414.84	Box	1/15/19	1/14/24
A-17	J8806D	Surgical Specialties	Polypropylene, 6-0, Blue, 45cm / 18", Double Armed, BV-1, 3/8C Taperpoint 9.3mm	\$1,382.12	Box	1/15/19	1/14/24
A-17	J8807D	Surgical Specialties	Polypropylene, 6-0, Blue, 60cm / 24", Double Armed, CC, 3/8C Tapercut Cardio 9.3mm	\$1,563.59	Box	1/15/19	1/14/24
A-17	J8842D	Surgical Specialties	Polypropylene, 3-0, Blue, 90cm / 36", Double Armed, MH, 1/2C Taperpoint 36mm	\$465.24	Box	1/15/19	1/14/24
A-17	J8843D	Surgical Specialties	Polypropylene, 2-0, Blue, 90cm / 36", Double Armed, MH, 1/2C Taperpoint 36mm	\$465.24	Box	1/15/19	1/14/24
A-17	J8853D	Surgical Specialties	Polypropylene, 2-0, Blue, 122cm / 48", Double Armed, MH, 1/2C Taperpoint 36mm	\$484.54	Box	1/15/19	1/14/24
A-17	J8935D	Surgical Specialties	Polypropylene, 4-0, Blue, 90cm / 36", Double Armed, V-5, 1/2C Tapercut 17mm	\$641.35	Box	1/15/19	1/14/24
A-17	J8975D	Surgical Specialties	Polypropylene, 4-0, Blue, 90cm / 36", Double Armed, V-7, 1/2C Tapercut Cardio 26mm	\$642.92	Box	1/15/19	1/14/24
A-17	J8976D	Surgical Specialties	Polypropylene, 3-0, Blue, 90cm / 36", Double Armed, V-7, 1/2C Tapercut Cardio 26mm	\$637.37	Box	1/15/19	1/14/24
A-17	J8977D	Surgical Specialties	Polypropylene, 2-0, Blue, 90cm / 36", Double Armed, V-7, 1/2C Tapercut Cardio 26mm	\$631.48	Box	1/15/19	1/14/24
A-17	JM8556N	Surgical Specialties	Polypropylene, 5-0, Blue, 90cm / 36", Double Armed, RB-1, 1/2C Taperpoint 17mm	\$654.02	Box	1/15/19	1/14/24
A-17	JM8557N	Surgical Specialties	Polypropylene, 4-0, Blue, 90cm / 36", Double Armed, RB-1, 1/2C Taperpoint 17mm	\$644.91	Box	1/15/19	1/14/24
A-17	JM8701N	Surgical Specialties	Polypropylene, 7-0, Blue, 45cm / 18", Double Armed, BV-1, 3/8C Taperpoint 9.3mm	\$1,838.75	Box	1/15/19	1/14/24
A-17	JM8702N	Surgical Specialties	Polypropylene, 7-0, Blue, 60cm / 24", Double Armed, BV-1, 3/8C Taperpoint 9.3mm	\$1,885.50	Box	1/15/19	1/14/24
A-17	JM8704N	Surgical Specialties	Polypropylene, 7-0, Blue, 60cm / 24", Double Armed, CC, 3/8C Tapercut Cardio 9.3mm	\$2,073.39	Box	1/15/19	1/14/24
A-17	JM8707N	Surgical Specialties	Polypropylene, 6-0, Blue, 75cm / 30", Double Armed, CC-1, 3/8C Tapercut Cardio 13mm	\$1,884.05	Box	1/15/19	1/14/24
A-17	JM8710N	Surgical Specialties	Polypropylene, 5-0, Blue, 75cm / 30", Double Armed, RB-2, 1/2C Taperpoint 13mm	\$693.29	Box	1/15/19	1/14/24
A-17	JM8718N	Surgical Specialties	Polypropylene, 6-0, Blue, 45cm / 18", Double Armed, C-1, 3/8C Taperpoint 13mm	\$1,634.54	Box	1/15/19	1/14/24
A-17	JM8720N	Surgical Specialties	Polypropylene, 5-0, Blue, 90cm / 36", Double Armed, C-1, 3/8C Taperpoint 13mm	\$1,542.57	Box	1/15/19	1/14/24
A-17	JM8725N	Surgical Specialties	Polypropylene, 5-0, Blue, 60cm / 24", Double Armed, C-1, 3/8C Taperpoint 13mm	\$1,548.94	Box	1/15/19	1/14/24
A-17	JM8726N	Surgical Specialties	Polypropylene, 6-0, Blue, 60cm / 24", Double Armed, C-1, 3/8C Taperpoint 13mm	\$1,634.54	Box	1/15/19	1/14/24
A-17	JM8805N	Surgical Specialties	Polypropylene, 6-0, Blue, 60cm / 24", Double Armed, BV-1, 3/8C Taperpoint 9.3mm	\$1,820.05	Box	1/15/19	1/14/24
A-17	M214N	Surgical Specialties	PolySyn FA™, 4-0, Undyed, 27", HR18, 1/2 Circle Taper Point 18mm	\$93.04	Box	1/15/19	1/14/24
A-17	M426N	Surgical Specialties	PolySyn FA™, 4-0, Undyed, 27", DSM19, 3/8 Circle Precision Reverse Cutting 19mm	\$110.88	Box	1/15/19	1/14/24
A-17	M442N	Surgical Specialties	PolySyn FA™, 3-0, Undyed, 27", DSM24, 3/8 Circle Reverse Cutting 24mm	\$110.88	Box	1/15/19	1/14/24
A-17	M456N	Surgical Specialties	PolySyn FA™, 3-0, Undyed, 18", HSM24, 1/2 Circle Reverse Cutting 24mm	\$110.88	Box	1/15/19	1/14/24
A-17	M490N	Surgical Specialties	PolySyn FA™, 5-0, Undyed, 18", DSM11, 3/8 Circle Precision Reverse Cutting 11mm	\$93.04	Box	1/15/19	1/14/24
A-17	M493N	Surgical Specialties	PolySyn FA™, 5-0, Undyed, 18", DSM13, 3/8 Circle Precision Reverse Cutting 13mm	\$186.06	Box	1/15/19	1/14/24
A-17	M494N	Surgical Specialties	PolySyn FA™, 4-0, Undyed, 18", DSM13, 3/8 Circle Precision Reverse Cutting 13mm	\$186.06	Box	1/15/19	1/14/24
A-17	M496N	Surgical Specialties	PolySyn FA™, 4-0, Undyed, 18", DSM19, 3/8 Circle Precision Reverse Cutting 19mm	\$110.88	Box	1/15/19	1/14/24
A-17	M497N	Surgical Specialties	PolySyn FA™, 3-0, Undyed, 18", DSM19, 3/8 Circle Precision Reverse Cutting 19mm	\$110.88	Box	1/15/19	1/14/24
A-17	M917N	Surgical Specialties	SSC PolySyn™; Clear Braided; 2-0; 36in/90cm; Taper Cutting; : 36mm; 1/2 Circle	\$129.68	Box	1/15/19	1/14/24
A-17	R317D	Surgical Specialties	HR26 2-0 Vio Pdo 27"/70Cm	\$279.10	Box	1/15/19	1/14/24
A-17	R333D	Surgical Specialties	HR26 2-0 Vio Pdo 27"/70Cm	\$279.10	Box	1/15/19	1/14/24
A-17	R334D	Surgical Specialties	HR26 0 Vio Pdo 27"/70Cm	\$279.10	Box	1/15/19	1/14/24
A-17	R339D	Surgical Specialties	HR36 2-0 Vio Pdo 27"/70Cm	\$279.10	Box	1/15/19	1/14/24
A-17	R357D	Surgical Specialties	SSC PDO; Violet Monofilament; 2-0; 36in/90cm; Taper Point; : 40mm; 1/2 Circle	\$279.10	Box	1/15/19	1/14/24
A-17	R370N	Surgical Specialties	SSC PDO; Violet Monofilament; 0; 36in/90cm; Taper Point; : 48mm; 1/2 Circle	\$93.04	Box	1/15/19	1/14/24
A-17	R463N	Surgical Specialties	SSC PDO; Violet Monofilament; 5-0; 18in/45cm; Precision Reverse Cutting; : 13mm; 3/8 Circle	\$93.04	Box	1/15/19	1/14/24
A-17	R487N	Surgical Specialties	SSC PDO; Violet Monofilament; 6-0; 18in/45cm; Precision Reverse Cutting; : 11mm; 3/8 Circle	\$93.04	Box	1/15/19	1/14/24
A-17	R513N	Surgical Specialties	PDO, 4-0, Violet, 18", 3/8 Circle Precision Reverse Cutting 19mm	\$186.06	Box	1/15/19	1/14/24
A-1	UT75	Surgical Specialties	1/8" Umbilical Tape 20Yds	\$90.57	Box	1/15/19	1/14/24
A-1	UT76	Surgical Specialties	1/4" Umbilical Tape 20Yds	\$138.98	Box	1/15/19	1/14/24
A-1	UT77	Surgical Specialties	3/8" Umbilical Tape 20Yds	\$142.88	Box	1/15/19	1/14/24
A-1	UT78	Surgical Specialties	1/8" Umb Tape 100Yd (GX6)	\$281.68	Box	1/15/19	1/14/24
A-17	Y417D	Surgical Specialties	Monoderm™, 2-0, Undyed, 27", HR26, 1/2 Circle Taper Point 26mm	\$279.10	Box	1/15/19	1/14/24
A-17	Y426N	Surgical Specialties	Monoderm™, 4-0, Undyed, 27", DSM19, 3/8 Circle Precision Reverse Cutting 19mm	\$120.28	Box	1/15/19	1/14/24
A-17	Y426NS	Surgical Specialties	SSC Monoderm™; Clear Monofilament; 4-0; 10in/25cm; Precision Reverse Cutting; : 19mm; 3/8 Circle	\$93.04	Box	1/15/19	1/14/24
A-17	Y427N	Surgical Specialties	Monoderm™, 3-0, Undyed, 27", DSM19, 3/8 Circle Precision Reverse Cutting 19mm	\$120.28	Box	1/15/19	1/14/24
A-17	Y432N	Surgical Specialties	Monoderm™, 6-0, Undyed, 27", HR13, 1/2 Circle Taper Point 13mm	\$93.04	Box	1/15/19	1/14/24
A-17	Y463N	Surgical Specialties	Monoderm™, 5-0, Violet, 18", DSM13, 3/8 Circle Precision Reverse Cutting 13mm	\$148.47	Box	1/15/19	1/14/24
A-17	Y464N	Surgical Specialties	Monoderm™, 4-0, Violet, 18", DSM13, 3/8 Circle Precision Reverse Cutting 13mm	\$148.47	Box	1/15/19	1/14/24
A-17	Y490N	Surgical Specialties	Monoderm™, 5-0, Undyed, 18", DSM11, 3/8 Circle Precision Reverse Cutting 11mm	\$139.08	Box	1/15/19	1/14/24
A-17	Y490NS	Surgical Specialties	SSC Monoderm™; Clear Monofilament; 5-0; 10in/25cm; Precision Reverse Cutting; : 11mm; 3/8 Circle	\$110.88	Box	1/15/19	1/14/24
A-17	Y492N	Surgical Specialties	Monoderm™, 6-0, Undyed, 18", DSM13, 3/8 Circle Precision Reverse Cutting 13mm	\$139.08	Box	1/15/19	1/14/24
A-17	Y493N	Surgical Specialties	Monoderm™, 5-0, Undyed, 18", DSM13, 3/8 Circle Precision Reverse Cutting 13mm	\$139.08	Box	1/15/19	1/14/24
A-17	Y493NS	Surgical Specialties	SSC Monoderm™; Clear Monofilament; 5-0; 10in/25cm; Precision Reverse Cutting; : 13mm; 3/8 Circle	\$110.88	Box	1/15/19	1/14/24
A-17	Y494N	Surgical Specialties	Monoderm™, 4-0, Undyed, 18", DSM13, 3/8 Circle Precision Reverse Cutting 13mm	\$148.47	Box	1/15/19	1/14/24
A-17	Y494NS	Surgical Specialties	SSC Monoderm™; Clear Monofilament; 4-0; 10in/25cm; Precision Reverse Cutting; : 13mm; 3/8 Circle	\$120.28	Box	1/15/19	1/14/24
A-17	Y495N	Surgical Specialties	Monoderm™, 5-0, Undyed, 18", DSM19, 3/8 Circle Precision Reverse Cutting 19mm				

A-17	Y496N	Surgical Specialties	Monoderm™, 4-0, Undyed, 18", DSM19, 3/8 Circle Precision Reverse Cutting 19mm	\$120.28	Box	1/15/19	1/14/24
A-17	Y497N	Surgical Specialties	Monoderm™, 3-0, Undyed, 18", DSM19, 3/8 Circle Precision Reverse Cutting 19mm	\$120.28	Box	1/15/19	1/14/24
A-17	Y513N	Surgical Specialties	Monoderm™, 4-0, Violet, 18", DSM19, 3/8 Circle Precision Reverse Cutting 19mm	\$148.47	Box	1/15/19	1/14/24
A-17	Y682N	Surgical Specialties	Monoderm™, 4-0, Undyed, 18", DGL24, 3/8 Circle Precision Reverse Cutting 24mm	\$110.88	Box	1/15/19	1/14/24
A-17	Y823N	Surgical Specialties	Monoderm™, 4-0, Undyed, 18", DSCM19, 3/8 Circle Precision Conventional Cutting 19mm	\$110.88	Box	1/15/19	1/14/24
A-17	Y823NS	Surgical Specialties	Circle	\$93.04	Box	1/15/19	1/14/24
A-17	Y833N	Surgical Specialties	Monoderm™, 6-0, Undyed, 18", DSCM13, 3/8 Circle Precision Conventional Cutting 13mm	\$120.28	Box	1/15/19	1/14/24
A-17	Y844N	Surgical Specialties	Monoderm™, 5-0, Undyed, 18", DSCM16, 3/8 Circle Precision Conventional Cutting 16mm	\$120.28	Box	1/15/19	1/14/24
A-17	Y845N	Surgical Specialties	Monoderm™, 4-0, Undyed, 18", DSCM16, 3/8 Circle Precision Conventional Cutting 16mm	\$120.28	Box	1/15/19	1/14/24
A-17	Y936N	Surgical Specialties	Monoderm™, 3-0, Undyed, 18", DSM24, 3/8 Circle Precision Reverse Cutting 24mm	\$120.28	Box	1/15/19	1/14/24
A-17	YP-490N	Waterloo	Dsm11 5-0 Und Mnd 18"45Cm	\$100.34	EACH	1/15/19	1/14/24
A-83	ER2000-B	Waterloo	Instant Access Emergency Cart, All Blue	\$1,915.84	EACH	1/15/19	1/14/24
A-83	ER2000-R	Waterloo	Instant Access Emergency Cart, All Red	\$1,915.84	EACH	1/15/19	1/14/24
A-83	USGLA-3369-RED	Waterloo	4 Drawer Unicart, light gray exterior / red drawers, lever lock	\$1,441.21	EACH	1/15/19	1/14/24
A-83	USRLA-3369-RED	Waterloo	4 Drawer Unicart, all red, lever lock	\$1,441.21	EACH	1/15/19	1/14/24
A-83	USBLA-3369-ELB	Waterloo	4 Drawer Unicart, all blue, lever lock	\$1,441.21	EACH	1/15/19	1/14/24
A-83	USGLA-3369-RED	Waterloo	5 Drawer Unicart, all red, lever lock	\$1,507.50	EACH	1/15/19	1/14/24
A-83	UTBLA-3369-ELB	Waterloo	5 Drawer Unicart, all blue, lever lock	\$1,612.23	EACH	1/15/19	1/14/24
A-83	UTRLA-3369-RED	Waterloo	5 Drawer Unicart, all red, lever lock	\$1,612.23	EACH	1/15/19	1/14/24
A-83	UTGLA-3369-RED	Waterloo	5 Drawer Unicart, light gray exterior / red drawers, lever lock	\$1,612.23	EACH	1/15/19	1/14/24
A-83	UTBLA-33369-ELB	Waterloo	6 Drawer Unicart, all blue, lever lock	\$1,667.96	EACH	1/15/19	1/14/24
A-83	UTBEA-33369-ELB	Waterloo	6 Drawer Unicart, all blue, electronic lock	\$2,575.92	EACH	1/15/19	1/14/24
A-83	UTBPA-33369-ELB	Waterloo	6 Drawer Unicart, all blue, proximity lock	\$2,777.69	EACH	1/15/19	1/14/24
A-83	UTRLA-33369-RED	Waterloo	6 Drawer Unicart, all red, lever lock	\$1,667.96	EACH	1/15/19	1/14/24
A-83	UTREA-33369-RED	Waterloo	6 Drawer Unicart, all red, electronic lock	\$2,575.92	EACH	1/15/19	1/14/24
A-83	UTRPA-33369-RED	Waterloo	6 Drawer Unicart, all red, proximity lock	\$2,777.69	EACH	1/15/19	1/14/24
A-83	UTGLA-33369-RED	Waterloo	6 Drawer Unicart, light gray exterior / red drawers, lever lock	\$1,667.96	EACH	1/15/19	1/14/24
A-83	UTGLA-33369-ELB	Waterloo	6 Drawer Unicart, light gray exterior / blue drawers, lever lock	\$1,667.96	EACH	1/15/19	1/14/24
A-83	UXRLA-33369-RED	Waterloo	6 Drawer Unicart, all red, lever lock	\$1,725.61	EACH	1/15/19	1/14/24
A-83	UXGLA-33369-RED	Waterloo	6 Drawer Unicart, light gray exterior / red drawers, lever lock	\$1,725.61	EACH	1/15/19	1/14/24
A-83	UTGLA-9PEDS	Waterloo	9 Drawer tall pediatric Unicart, gray exterior / multicolored drawers, lever lock	\$1,843.78	EACH	1/15/19	1/14/24
A-83	UXGLA-9PEDS	Waterloo	9 Drawer x-tall pediatric Unicart, gray exterior, multicolored drawers, lever lock	\$1,901.43	EACH	1/15/19	1/14/24
A-83	USGLU-3369-RED	Waterloo	4 Drawer Unicart, light gray exterior / red drawers, lever lock	\$951.20	EACH	1/15/19	1/14/24
A-83	USRLU-3369-RED	Waterloo	4 Drawer Unicart, all red, lever lock	\$951.20	EACH	1/15/19	1/14/24
A-83	USBLU-3369-ELB	Waterloo	4 Drawer Unicart, all blue, lever lock	\$951.20	EACH	1/15/19	1/14/24
A-83	UTBLU-3369-ELB	Waterloo	5 Drawer Unicart, all blue, lever lock	\$1,062.65	EACH	1/15/19	1/14/24
A-83	UTRLU-3369-RED	Waterloo	5 Drawer Unicart, all red, lever lock	\$1,062.65	EACH	1/15/19	1/14/24
A-83	UTGLU-33369-RED	Waterloo	5 Drawer Unicart, light gray exterior / red drawers, lever lock	\$1,062.65	EACH	1/15/19	1/14/24
A-83	UTGLU-33369-ELB	Waterloo	6 Drawer Unicart, all blue, lever lock	\$1,100.12	EACH	1/15/19	1/14/24
A-83	UTRLU-33369-RED	Waterloo	6 Drawer Unicart, light gray exterior / blue drawers, lever lock	\$1,100.12	EACH	1/15/19	1/14/24
A-83	UTRLU-33369-RED	Waterloo	6 Drawer Unicart, all red, lever lock	\$1,100.12	EACH	1/15/19	1/14/24
A-83	UTGLU-33369-RED	Waterloo	6 Drawer Unicart, light gray exterior / red drawers, lever lock	\$1,100.12	EACH	1/15/19	1/14/24
A-83	UXRLU-33369-RED	Waterloo	6 Drawer Unicart, all red, lever lock	\$1,144.32	EACH	1/15/19	1/14/24
A-83	UXGLU-33369-RED	Waterloo	6 Drawer Unicart, light gray exterior / red drawers, lever lock	\$1,144.32	EACH	1/15/19	1/14/24
A-83	UTGLU-9PEDS	Waterloo	9 Drawer tall pediatric Unicart, light gray exterior / multicolored drawers, lever lock	\$1,225.03	EACH	1/15/19	1/14/24
A-83	UXGLU-9PEDS	Waterloo	9 Drawer extra-tall pediatric Unicart, light gray exterior / multicolored drawers, lever lock	\$1,269.23	EACH	1/15/19	1/14/24
A-83	USGLA-399-YEL	Waterloo	3 Drawer Unicart, light gray exterior / yellow drawers, lever lock	\$1,375.87	EACH	1/15/19	1/14/24
A-83	UTGLA-999-YEL	Waterloo	3 Drawer Unicart, light gray exterior / yellow drawers, key lock	\$1,480.60	EACH	1/15/19	1/14/24
A-83	UTGLA-669-YEL	Waterloo	4 Drawer Unicart, light gray exterior / yellow drawers, lever lock	\$1,556.50	EACH	1/15/19	1/14/24
A-83	UXGKA-3999-YEL	Waterloo	4 Drawer Unicart, light gray exterior / yellow drawers, key lock	\$1,593.97	EACH	1/15/19	1/14/24
A-83	UTGKA-3699-YEL	Waterloo	4 Drawer Unicart, light gray exterior / yellow drawers, lever lock	\$1,546.89	EACH	1/15/19	1/14/24
A-83	USGKU-399-YEL	Waterloo	3 Drawer Unicart, light gray exterior / yellow drawers, key lock	\$901.24	EACH	1/15/19	1/14/24
A-83	UTGKU-3699-YEL	Waterloo	4 Drawer Unicart, light gray exterior / yellow drawers, key lock	\$1,011.73	EACH	1/15/19	1/14/24
A-83	UXGKU-3999-YEL	Waterloo	4 Drawer Unicart, light gray exterior / yellow drawers, key lock	\$1,043.44	EACH	1/15/19	1/14/24
A-92	ISOHANG-2C	Waterloo	Door hanger for isolation stations	\$29.79	EACH	1/15/19	1/14/24
A-92	ISOORG-1C	Waterloo	3 Glove Box, 1 Face Mask Box, and Flat Pack Gown isolation station - Cream Texture	\$122.98	EACH	1/15/19	1/14/24
A-83	ISOORG-2C	Waterloo	Texture	\$140.28	EACH	1/15/19	1/14/24
A-83	ISOORG-3C	Waterloo	Texture	\$178.71	EACH	1/15/19	1/14/24
A-83	ISOORG-4C	Waterloo	2 Glove Box, 1 Flat Pack Gown, and hinged door for misc items isolation station - Cream Texture	\$149.89	EACH	1/15/19	1/14/24
A-83	ISOORG-5C	Waterloo	2 Glove Box, 1 Face Mask Box, 1 Face Shield Box, 1 Flat Pack Gown isolation station - Cream Texture	\$140.28	EACH	1/15/19	1/14/24
A-83	ISOORG-6C	Waterloo	Isolation organizer - Cream Texture	\$183.52	EACH	1/15/19	1/14/24
A-92	RS-1C	Waterloo	Resuscitation Station - Cream Texture	\$66.29	EACH	1/15/19	1/14/24
A-92	KS-1C	Waterloo	Kiosk Stand for RS-1C Resuscitation Station	\$108.57	EACH	1/15/19	1/14/24
A-83	USGKA-3369-DKB	Waterloo	4 Drawer Unicart, light gray exterior / dark blue drawers, key lock	\$1,441.21	EACH	1/15/19	1/14/24
A-83	USGEA-3369-DKB	Waterloo	4 Drawer Unicart, light gray exterior / dark blue drawers, electronic lock	\$2,349.17	EACH	1/15/19	1/14/24
A-83	UTGKA-33369-FWG	Waterloo	6 Drawer Unicart, light gray exterior / dark blue drawers, key lock	\$1,667.96	EACH	1/15/19	1/14/24
A-83	UTGKA-3369-FWG	Waterloo	6 Drawer Unicart, light gray exterior / fairway green drawers, key lock	\$1,667.96	EACH	1/15/19	1/14/24
A-83	UTGKA-3369-FWG	Waterloo	5 Drawer Unicart, light gray exterior / fairway green drawers, key lock	\$1,612.23	EACH	1/15/19	1/14/24
A-83	UTGKA-3369-FWG	Waterloo	5 Drawer Unicart, light gray exterior / fairway green drawers, electronic lock	\$2,520.19	EACH	1/15/19	1/14/24
A-83	UTGEA-33369-DKB	Waterloo	6 Drawer Unicart, light gray exterior / dark blue drawers, electronic lock	\$2,575.92	EACH	1/15/19	1/14/24
A-83	UTGSA-33369-DKB	Waterloo	6 Drawer Unicart, light gray exterior / dark blue drawers, simplex lock	\$1,814.00	EACH	1/15/19	1/14/24
A-83	UXGKA-333369-FWG	Waterloo	7 Drawer Unicart, light gray exterior / fairway green drawers, key lock	\$1,780.37	EACH	1/15/19	1/14/24
A-83	USGKU-3369-DKB	Waterloo	4 Drawer Unicart, light gray exterior / dark blue drawers, key lock	\$951.20	EACH	1/15/19	1/14/24
A-83	USGEU-3369-DKB	Waterloo	4 Drawer Unicart, light gray exterior / dark blue drawers, electronic lock	\$1,859.16	EACH	1/15/19	1/14/24
A-83	UTGKU-33369-DKB	Waterloo	6 Drawer Unicart, light gray exterior / dark blue drawers, key lock	\$1,100.12	EACH	1/15/19	1/14/24
A-83	UTGKU-3369-FWG	Waterloo	5 Drawer Unicart, light gray exterior / fairway green drawers, key lock	\$1,062.65	EACH	1/15/19	1/14/24
A-83	UTGSU-33369-FWG	Waterloo	6 Drawer Unicart, light gray exterior / fairway green drawers, simplex lock	\$1,246.16	EACH	1/15/19	1/14/24
A-83	UTGSU-33369-DKB	Waterloo	6 Drawer Unicart, light gray exterior / dark blue drawers, simplex lock	\$1,246.16	EACH	1/15/19	1/14/24
A-83	UTGKU-33369-DKB	Waterloo	6 Drawer Unicart, light gray exterior / dark blue drawers, proximity lock	\$2,099.85	EACH	1/15/19	1/14/24
A-83	UXGSU-33369-FWG	Waterloo	7 Drawer Unicart, light gray exterior / fairway green drawers, simplex lock	\$1,327.83	EACH	1/15/19	1/14/24
A-83	UXGKU-3669-LTB	Waterloo	5 Drawer Unicart, light gray exterior / light blue drawers, key lock	\$1,106.84	EACH	1/15/19	1/14/24
A-83	UXGKU-33369-DKB	Waterloo	6 Drawer Unicart, light gray exterior / dark blue drawers, key lock	\$1,144.32	EACH	1/15/19	1/14/24
A-83	UXGEU-33369-DKB	Waterloo	6 Drawer Unicart, light gray exterior / dark blue drawers, electronic lock	\$2,052.28	EACH	1/15/19	1/14/24
A-83	USGKA-3369-GRA	Waterloo	4 Drawer Unicart, light gray exterior / charcoal drawers, key lock	\$1,441.21	EACH	1/15/19	1/14/24
A-83	USGLA-3369-TLG	Waterloo	4 Drawer Unicart, light gray exterior / teal green drawers, lever lock	\$1,441.21	EACH	1/15/19	1/14/24
A-83	USGKA-3369-GRA	Waterloo	4 Drawer Unicart, light gray exterior / charcoal drawers, key lock	\$1,441.21	EACH	1/15/19	1/14/24
A-83	UTGKA-3699-LTG	Waterloo	4 Drawer Unicart, all light gray, key lock	\$1,546.89	EACH	1/15/19	1/14/24
A-83	UTGKA-3699-GRA	Waterloo	4 Drawer Unicart, light gray exterior / charcoal drawers, key lock	\$1,546.89	EACH	1/15/19	1/14/24
A-83	UTGKA-3369-VIL	Waterloo	5 Drawer Unicart, light gray exterior / violet drawers, key lock	\$1,612.23	EACH	1/15/19	1/14/24
A-83	UTGKA-33369-GRA	Waterloo	6 Drawer Unicart, light gray exterior / charcoal drawers, key lock	\$1,667.96	EACH	1/15/19	1/14/24
A-83	UTGPA-33369-LTG	Waterloo	6 Drawer Unicart, all light gray, proximity lock	\$2,777.69	EACH	1/15/19	1/14/24
A-83	UXGKA-3669-LTB	Waterloo	5 Drawer Unicart, light gray exterior / light blue drawers, key lock	\$1,669.88	EACH	1/15/19	1/14/24
A-83	UXGKA-33369-NTL	Waterloo	6 Drawer Unicart, light gray exterior / natural drawers, key lock	\$1,725.61	EACH	1/15/19	1/14/24
A-83	USGKU-3369-GRA	Waterloo	4 Drawer Unicart, light gray exterior / charcoal drawers, key lock	\$951.20	EACH	1/15/19	1/14/24
A-83	USGKU-3369-LTG	Waterloo	4 Drawer Unicart, light gray exterior / charcoal drawers, key lock	\$951.20	EACH	1/15/19	1/14/24
A-83	USGKU-3369-GRA	Waterloo	4 Drawer Unicart, light gray exterior / charcoal drawers, key lock	\$951.20	EACH	1/15/19	1/14/24
A-83	USGLU-33369-TLG	Waterloo	5 Drawer Unicart, light gray exterior / teal green drawers, lever lock	\$1,002.12	EACH	1/15/19	1/14/24
A-83	UTGKU-3369-VIL	Waterloo	5 Drawer Unicart, light gray exterior / violet drawers, key lock	\$1,062.65	EACH	1/15/19	1/14/24
A-83	UTGKU-3699-LTG	Waterloo	4 Drawer Unicart, all light gray, key lock	\$1,011.73	EACH	1/15/19	1/14/24
A-83	UTGKU-33369-GRA	Waterloo	6 Drawer Unicart, light gray exterior / charcoal drawers, key lock	\$1,100.12	EACH	1/15/19	1/14/24
A-83	UXGKU-3669-LTB	Waterloo	5 Drawer Unicart, light gray exterior / light blue drawers, key lock	\$1,106.84	EACH	1/15/19	1/14/24
A-83	UXGKU-33369-NTL	Waterloo	6 Drawer Unicart, light gray exterior / natural drawers, key lock	\$1,144.32	EACH	1/15/19	1/14/24
A-83	JSGKA-3369-FWG	Waterloo	4 Drawer Slim Med Jr, light gray exterior / fairway green drawers, key lock	\$1,237.52	EACH	1/15/19	1/14/24
A-83	JSHSA-33366-CHY	Waterloo	5 Drawer Slim Med Jr, all cherry wood, pushbutton lock	\$2,151.24	EACH	1/15/19	1/14/24
A-83	JMGSA-33369-LTG	Waterloo	5 Drawer Slim Med Jr, all light gray, key lock	\$1,486.36	EACH	1/15/19	1/14/24
A-83	JTGEA-33369-ELB	Waterloo	6 Drawer Slim Med Jr, light gray exterior / electric blue drawers, electronic lock	\$2,349.17	EACH	1/15/19	1/14/24
A-83	JXPKA-33369-PER	Waterloo	6 Drawer Slim Med Jr, all pear wood, key lock	\$2,189.67	EACH	1/15/19	1/14/24
A-83	JSGKU-3369-TLG	Waterloo	4 Drawer Slim Med Jr, light gray exterior / teal drawers, key lock	\$745.59	EACH	1/15/19	1/14/24
A-83	JNSU-33366-NAT	Waterloo	5 Drawer Slim Med Jr, all natural wood, pushbutton lock	\$1,549.78	EACH	1/15/19	1/14/24
A-83	JMGU-33369-LTG	Waterloo	5 Drawer Slim Med Jr, all light gray, electronic lock	\$1,723.68	EACH	1/15/19	1/14/24
A-83	JTGSU-33369-PWT	Waterloo	6 Drawer Slim Med Jr, light gray exterior / spring green drawers, pushbutton lock	\$1,032.86	EACH	1/15/19	1/14/24
A-83	JXFEU-33369-NTL	Waterloo	6 Drawer Slim Med Jr, all walnut wood, electronic lock	\$2,427.95	EACH	1/15/19	1/14/24

A-83	ESGKU-399-LTG	Waterloo	3 Drawer economy cart, all light gray, key lock	\$605.31	EACH	1/15/19	1/14/24
A-83	ESGKU-3369-LTG	Waterloo	4 Drawer economy cart, all light gray, key lock	\$630.29	EACH	1/15/19	1/14/24
A-83	ESGKU-3366-LTG	Waterloo	5 Drawer economy cart, all light gray, key lock	\$656.23	EACH	1/15/19	1/14/24
A-83	MSWA-3469-WHT	Waterloo	4 Drawer phlebotomy cart, all white, key gate lock bar locks all the drawers	\$1,585.33	EACH	1/15/19	1/14/24
A-83	MTWA-3469-WHT	Waterloo	5 Drawer phlebotomy cart, all white, key gate lock bar locks only the top 4 drawers	\$1,707.35	EACH	1/15/19	1/14/24
A-83	EMER-PKGM	Waterloo	Standard Emergency Accessory Package for Steel Full-Size Unicarts Only (No Cart Included)	\$360.30	EACH	1/15/19	1/14/24
A-83	EMER-PKGA	Waterloo	Standard Emergency Accessory Package for Aluminum Full-Size Unicarts Only (No Cart Included)	\$408.34	EACH	1/15/19	1/14/24
A-83	EMER-PKGM-DLX	Waterloo	Deluxe Emergency Accessory Package for Steel Full-Size Unicarts Only (No Cart Included)	\$888.74	EACH	1/15/19	1/14/24
A-83	EMER-PKGA-DLX	Waterloo	Deluxe Emergency Accessory Package for Aluminum Full-Size Unicarts Only (No Cart Included)	\$792.66	EACH	1/15/19	1/14/24
A-83	ANES-PKGM	Waterloo	Standard Anesthesia Accessory Package for Steel Full-Size Unicarts Only (No Cart Included)	\$384.32	EACH	1/15/19	1/14/24
A-83	ANES-PKGA	Waterloo	Standard Anesthesia Accessory Package for Aluminum Full-Size Unicarts Only (No Cart Included)	\$417.37	EACH	1/15/19	1/14/24
A-83	ANES-PKGM-DLX	Waterloo	Deluxe Anesthesia Accessory Package for Steel Full-Size Unicarts Only (No Cart Included)	\$1,100.12	EACH	1/15/19	1/14/24
A-83	ANES-PKGA-DLX	Waterloo	Deluxe Anesthesia Accessory Package for Aluminum Full-Size Unicarts Only (No Cart Included)	\$1,056.88	EACH	1/15/19	1/14/24
A-83	INF-PKGM	Waterloo	Infection/Isolation Accessory Package for Steel Full-Size Unicarts Only (No Cart Included)	\$139.32	EACH	1/15/19	1/14/24
A-83	INF-PKGA	Waterloo	Infection/Isolation Accessory Package for Aluminum Full-Size Unicarts Only (No Cart Included)	\$139.32	EACH	1/15/19	1/14/24
A-83	SUT-PKGM	Waterloo	Suture Accessory Package for Unicarts Only (No Cart, Needs AMP-2 to mount to Aluminum Cart)	\$192.16	EACH	1/15/19	1/14/24
A-83	CAST-PKGM	Waterloo	Cast Accessory Package for Unicarts Only (No Cart Included)	\$440.61	EACH	1/15/19	1/14/24
A-83	ABH-2	Waterloo	Utility Hooks with Adhesive, 2 per package	\$11.63	EACH	1/15/19	1/14/24
A-83	AMP-1	Waterloo	Accessory Mounting Panel for Side of Aluminum Unicarts & Aluminum Med Jrs	\$33.63	EACH	1/15/19	1/14/24
A-83	AMP-2	Waterloo	Accessory Mounting Panel for Back of Aluminum Unicarts	\$33.63	EACH	1/15/19	1/14/24
A-83	BAG-3	Waterloo	Security Bags to seal shorter divider trays, 20 per package	\$33.72	EACH	1/15/19	1/14/24
A-83	BAG-6	Waterloo	Security Bags to seal taller divider trays, 20 per package	\$38.43	EACH	1/15/19	1/14/24
A-83	BAG-COVER5	Waterloo	Plastic Cart Cover, 5 per package	\$29.07	EACH	1/15/19	1/14/24
A-83	BH-1	Waterloo	Single Glove Box / Mask Holder (can mount to railing, sold separately)	\$43.02	EACH	1/15/19	1/14/24
A-83	BH-2	Waterloo	Double Glove Box / Mask Holder (can mount to railing, sold separately)	\$48.82	EACH	1/15/19	1/14/24
A-83	BH-3	Waterloo	Triple Glove Box / Mask Holder (can mount to railing, sold separately)	\$62.45	EACH	1/15/19	1/14/24
A-83	BH-3H	Waterloo	Triple Glove Box / Mask Holder - Horizontal (can mount to railing, sold separately)	\$62.45	EACH	1/15/19	1/14/24
A-83	BRS-2	Waterloo	Base Rail System for Aluminum & Steel Full-Size Unicarts Only	\$120.10	EACH	1/15/19	1/14/24
A-83	BRS-JR	Waterloo	Base Rail System for Aluminum & Steel Slim Med Jr Carts Only	\$120.10	EACH	1/15/19	1/14/24
A-83	BSK-1	Waterloo	6 Quart Waste Receptacle (can mount to railing, sold separately)	\$38.43	EACH	1/15/19	1/14/24
A-83	BSK-2	Waterloo	21 Quart Waste Receptacle (can mount to railing, sold separately)	\$52.31	EACH	1/15/19	1/14/24
A-83	BUMPER-1	Waterloo	Replacement bumper set for Unicarts (includes two bumpers and hardware to mount)	\$62.45	EACH	1/15/19	1/14/24
A-83	CAST-1	Waterloo	Cast Bucket Shelf with Towel Holder	\$151.14	EACH	1/15/19	1/14/24
A-83	CB-1	Waterloo	Cross Bar for Back-side of Steel Unicarts	\$43.02	EACH	1/15/19	1/14/24
A-83	CB-2	Waterloo	Cross Bar for Back-side of Steel Med Jr	\$43.02	EACH	1/15/19	1/14/24
A-83	CBB-6	Waterloo	Cardiac Board & Brackets for Steel Cart (Board pulls horizontally)	\$75.57	EACH	1/15/19	1/14/24
A-83	CBB-7	Waterloo	Cardiac Board & Brackets for Aluminum Cart (Board pulls horizontally)	\$75.57	EACH	1/15/19	1/14/24
A-83	CBB-8	Waterloo	Cardiac Board & Brackets for Aluminum Cart (Board lifts vertically)	\$75.57	EACH	1/15/19	1/14/24
A-83	CBB-9	Waterloo	Cardiac Board & Brackets for Steel & Aluminum (Thin, solid board)	\$86.47	EACH	1/15/19	1/14/24
A-83	CBB-ER	Waterloo	Cardiac Board & Single Bracket for ER2000 (Board pulls outward)	\$75.57	EACH	1/15/19	1/14/24
A-83	CH-3	Waterloo	Catheter Holder (will need 2x AMP-1 to mount to aluminum cart)	\$52.31	EACH	1/15/19	1/14/24
A-83	CHT-1	Waterloo	Chart Holder (can mount to railing, sold separately)	\$61.62	EACH	1/15/19	1/14/24
A-83	CP-1	Waterloo	5" Standard Caster Package, 2 brake, 1 tracking (directional), 1 total swivel	\$96.08	EACH	1/15/19	1/14/24
A-83	CP-2	Waterloo	6" Caster Package, 2 brake, 1 tracking (directional), 1 total swivel	\$120.10	EACH	1/15/19	1/14/24
A-83	CP-6	Waterloo	3" Caster Package, 2 brake, 1 tracking (directional), 1 total swivel	\$96.08	EACH	1/15/19	1/14/24
A-83	CR-1	Waterloo	Coat Rack	\$61.62	EACH	1/15/19	1/14/24
A-83	CW-1	Waterloo	Electrical Cord Wrap	\$27.90	EACH	1/15/19	1/14/24
A-83	ER-LBL	Waterloo	Replacement labels for ER-2000 Drawers	\$36.04	EACH	1/15/19	1/14/24
A-83	ER-SHLF	Waterloo	Swivel Monitor/Defibrillator Shelf for Steel Unicarts & Steel Med Jrs Only	\$168.14	EACH	1/15/19	1/14/24
A-83	ER-SHLFA2	Waterloo	Swivel Monitor/Defibrillator Shelf for Aluminum Unicarts & Aluminum Med Jrs Only	\$168.14	EACH	1/15/19	1/14/24
A-83	ER-SHLF2000	Waterloo	Swivel Monitor/Defibrillator Shelf for ER2000 Cart Only	\$168.14	EACH	1/15/19	1/14/24
A-83	ER-TRAY3	Waterloo	3" Transparent Tray	\$81.67	EACH	1/15/19	1/14/24
A-83	ER-TRAY6	Waterloo	6" Transparent Tray	\$96.08	EACH	1/15/19	1/14/24
A-83	FT-1	Waterloo	Fluid Trays, set of 2 for Steel Unicarts & Steel Med Jrs Only	\$95.12	EACH	1/15/19	1/14/24
A-83	FTA-1	Waterloo	Fluid Trays, set of 2 for Aluminum Unicarts & Aluminum Med Jrs Only	\$95.12	EACH	1/15/19	1/14/24
A-83	GMH-1	Waterloo	Adjustable Glove / Mask Holder (can mount to railing, sold separately)	\$66.27	EACH	1/15/19	1/14/24
A-83	IV-2	Waterloo	IV Pole for all Waterloo Carts	\$43.24	EACH	1/15/19	1/14/24
A-83	LH-1	Waterloo	Label Holders, pack of 100. Adhesive mounting	\$48.04	EACH	1/15/19	1/14/24
A-83	LOCKMANAGER	Waterloo	Electronic Lock Management Software	\$479.44	EACH	1/15/19	1/14/24
A-83	LOCKMANAGER-WIFI	Waterloo	Wifi-enabled Lock Management Software	\$1,537.29	EACH	1/15/19	1/14/24
A-83	NARC-BOX	Waterloo	Narcotics box for 9" deep uncarts or med jr drawer (includes 3 keys)	\$134.51	EACH	1/15/19	1/14/24
A-83	NC52	Waterloo	Small Narcotics Cabinet, Double Door, Double Lock, 2 adjustable shelves	\$211.38	EACH	1/15/19	1/14/24
A-83	O-2	Waterloo	Oxygen Tank Bracket (1x) for ER2000 Only	\$34.87	EACH	1/15/19	1/14/24
A-83	ORG-1L	Waterloo	Large Clear Plastic Organizer (can mount to railing, sold separately)	\$124.90	EACH	1/15/19	1/14/24
A-83	ORG-1S	Waterloo	Small Clear Plastic Organizer (can mount to railing, sold separately)	\$96.08	EACH	1/15/19	1/14/24
A-83	OTB-4	Waterloo	Hospital Grade Outlet Strip (6 outlets, 15 foot cord)	\$168.14	EACH	1/15/19	1/14/24
A-83	OTB-5	Waterloo	Oxygen Tank Brackets for all Unicarts	\$34.87	EACH	1/15/19	1/14/24
A-83	OTB-6	Waterloo	Oxygen Tank Bracket, Metal, Light Gray	\$57.65	EACH	1/15/19	1/14/24
A-83	PK1000	Waterloo	Pill Crusher Bags, Box of 1000 (packaged in bags of 50x)	\$40.69	EACH	1/15/19	1/14/24
A-83	PROX-1	Waterloo	Credit Card Size Prox Card	\$14.41	EACH	1/15/19	1/14/24
A-83	PROX-2	Waterloo	Small Stick-on Prox Card	\$17.30	EACH	1/15/19	1/14/24
A-83	PS-100	Waterloo	Plastic Breakaway Seals, bag of 100x	\$27.86	EACH	1/15/19	1/14/24
A-83	R-3	Waterloo	Wrap-around railing (for Steel Unicart)	\$96.08	EACH	1/15/19	1/14/24
A-83	R-4	Waterloo	Wrap-around railing (For Aluminum Unicart)	\$96.08	EACH	1/15/19	1/14/24
A-83	R-JR	Waterloo	Wrap-around railing (For Steel Med Jr)	\$96.08	EACH	1/15/19	1/14/24
A-83	R-JRA	Waterloo	Wrap-around railing (For Aluminum Med Jr)	\$96.08	EACH	1/15/19	1/14/24
A-83	SB-1	Waterloo	Sharps Bracket with adjustable velcro strap	\$31.39	EACH	1/15/19	1/14/24
A-83	SB-2	Waterloo	Metal Sharps Bracket Non-Locking (Fits the Kendall sharps container part# 8513)	\$76.86	EACH	1/15/19	1/14/24
A-83	SB-2L	Waterloo	Lockable Metal Sharps Bracket (key locking) (Fits the Kendall sharps container part# 85131)	\$96.08	EACH	1/15/19	1/14/24
A-83	SD-3	Waterloo	3" Key Lockable Security Drawer, Half Size	\$91.28	EACH	1/15/19	1/14/24
A-83	SD-3F	Waterloo	3" Key Lockable Security Drawer, Full Size	\$105.69	EACH	1/15/19	1/14/24
A-83	SD-3S	Waterloo	3" Pushbutton Lockable Security Drawer, Half Size	\$216.18	EACH	1/15/19	1/14/24
A-83	SD-9S	Waterloo	9" Pushbutton Lockable Security Drawer, Half Size	\$240.20	EACH	1/15/19	1/14/24
A-83	SH-2	Waterloo	2 Unit Scope Holder, Mounts to Wall or Cart	\$480.40	EACH	1/15/19	1/14/24
A-83	SH-4	Waterloo	4 Unit Scope Holder, Mounts to Wall or Cart	\$528.44	EACH	1/15/19	1/14/24
A-83	SHLF-110	Waterloo	Two Tier Shelf for Steel Unicarts	\$240.20	EACH	1/15/19	1/14/24
A-83	SHLF-110A	Waterloo	Two Tier Shelf for Aluminum Unicarts	\$240.20	EACH	1/15/19	1/14/24
A-83	SHLF-2	Waterloo	Single Tier Shelf for Steel Unicarts (mounts to a BRS-2 sold separately)	\$115.30	EACH	1/15/19	1/14/24
A-83	SHLF-2JR	Waterloo	Single Tier Shelf for Steel Med Jr (mounts to BRS-JR sold separately)	\$115.30	EACH	1/15/19	1/14/24
A-83	SHLF-3	Waterloo	Single Tier Shelf for Aluminum Unicarts (mounts to a BRS-2 sold separately)	\$115.30	EACH	1/15/19	1/14/24
A-83	SHLF-3JR	Waterloo	Single Tier Shelf for Aluminum Med Jr (mounts to BRS-JR sold separately)	\$115.30	EACH	1/15/19	1/14/24
A-83	SR-1	Waterloo	Accessory Side Rail (For Steel Unicart & Med Jr)	\$38.43	EACH	1/15/19	1/14/24
A-83	SSG-2C	Waterloo	Collapsible Side Shelf for Steel Unicarts & Steel Med Jr	\$55.80	EACH	1/15/19	1/14/24
A-83	SS-M	Waterloo	Suction Shelf	\$48.04	EACH	1/15/19	1/14/24
A-83	SUT-1	Waterloo	Suture Shelf (includes vertical mounting rails) (needs an AMP-2 to mount to an Aluminum Unicart)	\$124.90	EACH	1/15/19	1/14/24
A-83	T-2	Waterloo	Replacement Plastic Top for Steel Unicarts	\$62.45	EACH	1/15/19	1/14/24
A-83	T-3	Waterloo	Replacement Plastic Top for Aluminum Unicarts	\$62.45	EACH	1/15/19	1/14/24
A-83	T-JR	Waterloo	Replacement Plastic Top for steel Med Jrs & Waterloo Healthcare Economy carts	\$62.45	EACH	1/15/19	1/14/24
A-83	T-JRA	Waterloo	Replacement Plastic Top for Aluminum Med Jrs	\$62.45	EACH	1/15/19	1/14/24
A-83	TB-3	Waterloo	Tilt Bins, 3 Compartment (needs mounting rail to mount to a cart, sold separately)	\$82.54	EACH	1/15/19	1/14/24
A-83	TB-4	Waterloo	Tilt Bins, 4 Compartment (needs mounting rail to mount to a cart, sold separately)	\$73.25	EACH	1/15/19	1/14/24
A-83	TB-5	Waterloo	Tilt Bins, 5 Compartment (needs mounting rail to mount to a cart, sold separately)	\$56.96	EACH	1/15/19	1/14/24
A-83	TB-6	Waterloo	Tilt Bins, 6 Compartment (needs mounting rail to mount to a cart, sold separately)	\$43.02	EACH	1/15/19	1/14/24
A-83	TD-1	Waterloo	Tape Dispenser	\$52.84	EACH	1/15/19	1/14/24
A-83	UR-1	Waterloo	Small Utility Receptacle (needs mounting rail to mount to a cart, sold separately)	\$33.63	EACH	1/15/19	1/14/24
A-83	UR-2	Waterloo	Medium Utility Receptacle (needs mounting rail to mount to a cart, sold separately)	\$33.63	EACH	1/15/19	1/14/24
A-83	UR-3	Waterloo	Large Utility Receptacle (needs mounting rail to mount to a cart, sold separately)	\$33.63	EACH	1/15/19	1/14/24
A-83	UR-4L	Waterloo	Long Utility Receptacle (needs mounting rail to mount to a cart, sold separately)	\$33.63	EACH	1/15/19	1/14/24
A-83	WB-1S	Waterloo	Small Wire Storage Basket (needs mounting rail to mount to a cart, sold separately)	\$43.24	EACH	1/15/19	1/14/24
A-83	WB-1L	Waterloo	Large Wire Storage Basket (needs mounting rail to mount to a cart, sold separately)	\$68.59	EACH	1/15/19	1/14/24
A-83	WSB-1	Waterloo	Extra-large Wire Storage Basket (needs mounting rail to mount to a cart, sold separately)	\$72.06	EACH	1/15/19	1/14/24
A-83	WNH-1	Waterloo	Wire Notebook Holder (needs mounting rail to mount to a cart, sold separately)	\$60.45	EACH	1/15/19	1/14/24

A-83	CP-DIV-TRAY	Waterloo	Divider Tray & Dividers, 2 per package	\$34.87	EACH	1/15/19	1/14/24
A-83	DIVTRAY-AMP	Waterloo	Divider Tray with two rows of ampule holders, 2.5" Tall	\$172.94	EACH	1/15/19	1/14/24
A-83	DIVTRAY-ANES	Waterloo	Divider Tray for Anesthesia, 2.5" Tall	\$153.73	EACH	1/15/19	1/14/24
A-83	DIVTRAY-STD	Waterloo	Divider Tray with larger sections, 2.5" Tall	\$79.75	EACH	1/15/19	1/14/24
A-83	DIVTRAY-STD5	Waterloo	Divider Tray with larger sections, 5" Tall	\$158.53	EACH	1/15/19	1/14/24
A-83	EMER-BOX	Waterloo	Emergency Box with clear plastic cover	\$74.40	EACH	1/15/19	1/14/24
A-83	EMER-DV	Waterloo	Dividers for EMER-BOX	\$25.58	EACH	1/15/19	1/14/24
A-83	TT-1	Waterloo	Transfer Tray (No dividers included)	\$52.84	EACH	1/15/19	1/14/24
A-83	TT-1A	Waterloo	Pre-configured Transfer Tray	\$120.10	EACH	1/15/19	1/14/24
A-83	TT-1B	Waterloo	Pre-configured Transfer Tray	\$120.10	EACH	1/15/19	1/14/24
A-83	WDC-2025	Waterloo	Plastic Tray with Dividers (two fit per 3 & 4" drawer)	\$43.02	EACH	1/15/19	1/14/24
A-83	WDC-2050	Waterloo	Plastic Tray with Dividers (two fit per 6, 9, 12" drawer)	\$43.02	EACH	1/15/19	1/14/24
A-83	WMT-3	Waterloo	Divider Tray with 3 rows of ampule holders	\$192.16	EACH	1/15/19	1/14/24
A-83	WMT-4	Waterloo	Divider Tray for Med Jr with one row of ampule holders	\$139.32	EACH	1/15/19	1/14/24
A-83	WMT-5	Waterloo	Divider Tray for Med Jr with large compartments	\$105.69	EACH	1/15/19	1/14/24
A-83	DIV-10L	Waterloo	Additional Clear Plastic Long Dividers (extra dividers for white trays with clear plastic dividers)	\$33.63	EACH	1/15/19	1/14/24
A-83	DIV-10S	Waterloo	Additional Clear Plastic Small Dividers (extra dividers for white trays with clear plastic dividers)	\$31.71	EACH	1/15/19	1/14/24
A-83	DIV-AJ3	Waterloo	Divider set for 3" Slim Aluminum Med Jr Drawers Only	\$14.41	EACH	1/15/19	1/14/24
A-83	DIV-AJ6	Waterloo	Divider set for 6, 9, 12" Slim Aluminum Med Jr Drawers Only	\$14.41	EACH	1/15/19	1/14/24
A-83	DIV-AU3	Waterloo	Divider set for 3" Aluminum Full-Size Unicart Drawers	\$14.41	EACH	1/15/19	1/14/24
A-83	DIV-AU6	Waterloo	Divider set for 6, 9, 12" Aluminum Full-Size Unicart Drawers	\$14.41	EACH	1/15/19	1/14/24
A-83	DIV-CC2	Waterloo	Divider system, cut and clip, 2" Tall for Steel Unicarts (can be cut down to fit into steel med jr drawers)	\$36.51	EACH	1/15/19	1/14/24
A-83	DIV-UC6	Waterloo	Front to back dividers for 6" Drawer for Steel Unicarts (can be cut down to fit into steel med jr drawers)	\$45.34	EACH	1/15/19	1/14/24
A-83	DIV-UC9	Waterloo	Front to back dividers for 9" Drawer for Steel Unicarts (can be cut down to fit into steel med jr drawers)	\$56.96	EACH	1/15/19	1/14/24
A-83	DIV-CLIP	Waterloo	Additional clips for divider systems DIV-CC2	\$23.26	EACH	1/15/19	1/14/24
A-83	DIV-DRW12	Waterloo	Divider Set with row of ampule holders, 2.5" Tall for Steel Unicarts Only	\$138.34	EACH	1/15/19	1/14/24
A-83	DIV-DRW34	Waterloo	Divider Set with larger sections, 2.5" Tall for Steel Unicarts Only	\$74.94	EACH	1/15/19	1/14/24
A-83	DIV-DRW5	Waterloo	Divider Set with larger sections, 5" Tall for Steel Unicarts Only	\$149.89	EACH	1/15/19	1/14/24
A-83	DIV-DRW12ER	Waterloo	Divider Set with row of ampule holders, 2.5" Tall for ER2000 Only	\$138.34	EACH	1/15/19	1/14/24
A-83	DIV-DRW34ER	Waterloo	Divider Set with larger sections, 2.5" Tall for ER2000 Only	\$74.94	EACH	1/15/19	1/14/24
A-83	DIV-DRW5ER	Waterloo	Divider Set with larger sections, 5" Tall for ER2000 Only	\$149.89	EACH	1/15/19	1/14/24
A-82	HTK1-6TTT	Waterloo	HALFTRX, (40) 3" BINS, 1 DRAWER, KEY LOCK	\$2,010.00	EACH	1/15/19	1/14/24
A-82	HTK1-33TTT6	Waterloo	HALFTRX, (30) 3" BINS, 3 DRAWER, KEY LOCK	\$2,019.61	EACH	1/15/19	1/14/24
A-82	HTK1-4TTT7	Waterloo	HALFTRX, (30) 3" BINS, 2 DRAWER, KEY LOCK	\$1,976.37	EACH	1/15/19	1/14/24
A-82	HTK1-34TT1	Waterloo	HALFTRX, (20) 3" BINS, 3 DRAWER, KEY LOCK	\$1,937.94	EACH	1/15/19	1/14/24
A-82	MTK1-4411/6TTT	Waterloo	MEDTRX, (40) 3" BINS, 5 DRAWER, KEY LOCK	\$2,380.87	EACH	1/15/19	1/14/24
A-82	MTK1-4411/7FTF6	Waterloo	MEDTRX, (12) 5" BINS & (20) 3" BINS, 5 DRAWER, KEY LOCK	\$2,380.87	EACH	1/15/19	1/14/24
A-82	MTK1-4771/7FTF6	Waterloo	MEDTRX, (12) 5" BINS & (20) 3" BINS, 4 DRAWER, KEY LOCK	\$2,405.85	EACH	1/15/19	1/14/24
A-82	MTK1-4771/33FTF6	Waterloo	MEDTRX, (12) 5" BINS & (10) 3" BINS, 7 DRAWER, KEY LOCK	\$2,382.79	EACH	1/15/19	1/14/24
A-82	MTK1-4771/33TTT	Waterloo	MEDTRX, (40) 3" BINS, 6 DRAWER, KEY LOCK	\$2,416.42	EACH	1/15/19	1/14/24
A-82	BIN-3G	Waterloo	3" PATIENT BINS 10/CTN GRAY	\$43.24	SET	1/15/19	1/14/24
A-82	BIN-5G	Waterloo	5" PATIENT BINS 6/CTN GRAY	\$43.24	SET	1/15/19	1/14/24
A-82	BIN-7G	Waterloo	7" PATIENT BINS 4/CTN GRAY	\$43.24	SET	1/15/19	1/14/24
A-82	CASS-1MT	Waterloo	2 TIER CASSETTE W/O BINS	\$75.57	SET	1/15/19	1/14/24
A-82	CASS-3MTC	Waterloo	2 TIER CASS W/3" BINS	\$115.10	SET	1/15/19	1/14/24
A-82	CASS-5MTC	Waterloo	2 TIER CASS W/5" BINS	\$115.10	SET	1/15/19	1/14/24
A-82	CASS-7MTC	Waterloo	2 TIER CASS W/7.5" BINS	\$115.10	SET	1/15/19	1/14/24
A-82	MBG-3B	Waterloo	3" PAT BINS 24/CTN	\$93.01	SET	1/15/19	1/14/24
A-82	MBG-4B	Waterloo	4.5" PAT BINS 16/CTN	\$93.01	SET	1/15/19	1/14/24
A-82	MBG-6B	Waterloo	6" PAT BINS 12/CTN	\$93.01	EACH	1/15/19	1/14/24
A-82	CASS-2S	Waterloo	2 TIER LOCKABLE CASSETTE (bins sold separately)	\$297.85	EACH	1/15/19	1/14/24
A-82	CASS-3S	Waterloo	3 TIER LOCKABLE CASSETTE (bins sold separately)	\$326.67	EACH	1/15/19	1/14/24
A-82	CASS-4S	Waterloo	4 TIER LOCKABLE CASSETTE (bins sold separately)	\$219.73	EACH	1/15/19	1/14/24
A-82	BLS-1GS	Waterloo	PUSH BUTTON LOCK WILLINOIS CORE1	\$288.24	EACH	1/15/19	1/14/24
A-82	DIV-HT	Waterloo	2 DIVIDERS/BRACKETS, HALF DRW, 5" H	\$57.65	SET	1/15/19	1/14/24
A-82	DIV-HTL	Waterloo	2 DIVIDERS/BRACKETS, HALF DRW, 8 1/2" H	\$57.65	SET	1/15/19	1/14/24
A-82	DIV-HTS	Waterloo	2 DIVIDERS/BRACKETS, HALF DRW, 3" H	\$57.65	SET	1/15/19	1/14/24
A-82	DIV-MT	Waterloo	5 DIVIDERS/BRACKETS, FULL DRW, 5" H	\$62.45	SET	1/15/19	1/14/24
A-82	DIV-MTL	Waterloo	5 DIVIDERS/BRACKETS, FULL DRW, 8 1/2" H	\$62.45	SET	1/15/19	1/14/24
A-82	DIV-MTS	Waterloo	5 DIVIDERS/BRACKETS, FULL DRW, 3" H	\$62.45	SET	1/15/19	1/14/24
A-82	EW-1	Waterloo	WIRE WASTE RECEPTACLE	\$81.67	EACH	1/15/19	1/14/24
A-82	LBL-1B	Waterloo	BIN LABEL 250/ROLL 4 ROLL/CTN	\$23.26	ROLL	1/15/19	1/14/24
A-82	LENS-1B	Waterloo	BIN LENS COVERS PKG/12	\$9.30	PACK	1/15/19	1/14/24
A-82	NL-1.0C	Waterloo	NARCS COVER, HALF DWR W/CORE 1	\$266.23	EACH	1/15/19	1/14/24
A-82	NL-1.5C	Waterloo	NARCS COVER, FULL DWR W/CORE 3	\$309.25	EACH	1/15/19	1/14/24
A-82	NL-MT	Waterloo	NARCS LOCK FOR DRW FRONT (1" CHOOSE CORE #)	\$79.06	EACH	1/15/19	1/14/24
A-82	TRIM-MTFB	Waterloo	FULL SZ DRW TRIM BLUE	\$8.14	EACH	1/15/19	1/14/24
A-82	TRIM-MTFG	Waterloo	FULL SZ DRW TRIM GREEN	\$8.14	EACH	1/15/19	1/14/24
A-82	TRIM-MTFP	Waterloo	FULL SZ DRW TRIM PINK	\$8.14	EACH	1/15/19	1/14/24
A-82	TRIM-MTFV	Waterloo	FULL SZ DRW TRIM VIOLET	\$8.14	EACH	1/15/19	1/14/24
A-82	TRIM-MTHB	Waterloo	HALF SZ DRW TRIM BLUE	\$5.81	EACH	1/15/19	1/14/24
A-82	TRIM-MTHG	Waterloo	HALF SZ DRW TRIM GREEN	\$5.81	EACH	1/15/19	1/14/24
A-82	TRIM-MTHP	Waterloo	HALF SZ DRW TRIM PINK	\$5.81	EACH	1/15/19	1/14/24
A-82	TRIM-MTHV	Waterloo	HALF SZ DRW TRIM VIOLET	\$5.81	EACH	1/15/19	1/14/24
A-83	M3-0114-Z	ALTUS	ClioMedLCD Cart M3 Single-Wheel Shrouded Casters	\$6,805.19	EACH	1/15/19	1/14/24
A-83	M5-0114-Z	ALTUS	ClioMed All-In-One PC Cart	\$6,805.19	EACH	1/15/19	1/14/24
A-83	C1-0141-Z	ALTUS	Clio LCD Cart - C1 (Cloud) single or Dual Wheel Casters	\$3,721.21	EACH	1/15/19	1/14/24
A-83	C3-0141-Z	ALTUS	Clio LCD Cart - C3 (Cloud) Single or Dual Wheel Shrouded Casters	\$3,886.59	EACH	1/15/19	1/14/24
A-83	C5-0141-Z	ALTUS	Clio All-in-one	\$3,886.59	EACH	1/15/19	1/14/24
A-83	E1-0141-Z	ALTUS	Clio PC /Electric lift	\$4,450.85	EACH	1/15/19	1/14/24
A-83	E3-0141-Z	ALTUS	Clio LCD Electric Lift	\$4,616.24	EACH	1/15/19	1/14/24
A-83	E5-0141-Z	ALTUS	Clio All-In-One - Electric Lift	\$4,616.24	EACH	1/15/19	1/14/24
A-83	C7B-0141-Z	ALTUS	Clio Swap LCD Column Mounted Anton Bauer Battery	\$3,355.41	EACH	1/15/19	1/14/24
A-83	C7-0141-Z	ALTUS	Clio Swap LCD Anton Bauer Battery	\$3,452.69	EACH	1/15/19	1/14/24
A-83	C8-0141-Z	ALTUS	Clio Swap LCD Anton Bauer Battery	\$3,160.83	EACH	1/15/19	1/14/24
A-83	C8B-0141-Z	ALTUS	Clio Swap LCD Column Mounted Battery	\$3,063.55	EACH	1/15/19	1/14/24
A-83	C9-0141-Z	ALTUS	Clio PLUS LCD Cart	\$4,825.41	EACH	1/15/19	1/14/24
A-83	C9C-0141	ALTUS	Clio Plus /Power Cord	\$4,859.46	EACH	1/15/19	1/14/24
A-83	C10-0141-Z	ALTUS	Clio Plus All-In-One	\$4,825.41	EACH	1/15/19	1/14/24
A-83	C10C-0141-Z	ALTUS	Clio Plus All-In-One/power cord	\$4,859.46	EACH	1/15/19	1/14/24
A-83	C11-0141-Z	ALTUS	Clio Plus LCD Cart	\$4,533.55	EACH	1/15/19	1/14/24
A-83	C11C-0141-Z	ALTUS	Clio Plus LCD Cart/power cord	\$4,567.60	EACH	1/15/19	1/14/24
A-83	LiB	ALTUS	Anton Bauer Lithium Ion Battery (For CLIO SWAP)	\$711.56	EACH	1/15/19	1/14/24
A-83	SD3	ALTUS	SD3 (Single Drawer Mounted Under Work Surface)	\$355.78	EACH	1/15/19	1/14/24
A-83	SD4	ALTUS	SD4 (Single Drawer Mounted Under Column)	\$355.78	EACH	1/15/19	1/14/24
A-83	CW	ALTUS	Counter Weight (CW)	\$94.87	EACH	1/15/19	1/14/24
A-83	CPC 8	ALTUS	Coiled Power Cord	\$94.87	EACH	1/15/19	1/14/24
A-83	P-CS-CH3	ALTUS	Wall Mounted charger	\$1,978.13	EACH	1/15/19	1/14/24
A-83	P-CS-CHD	ALTUS	Desktop Charger	\$1,422.17	EACH	1/15/19	1/14/24
A-83	P-CS-CH2	ALTUS	2 Bay Wall Charger	\$1,897.49	EACH	1/15/19	1/14/24



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